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नई दिल्ली, शनिवार, मार्च 23, 2002 (चैत्र 2, 1924)

No. 12]

NEW DELHI, SATURDAY, MARCH 23, 2002 (CHAITRA 2, 1924)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]

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Kolkata, the 23rd March 2002

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Phone No. (044) 431 4324/4325/4326
Fax No. (044) 431 4750/4751.

Patent Office (Head Office),
Nizam Palace 2nd M.S.O Building,
5th, 6th & 7th Floor,
234/4, Acharya Jagadish Bose Road,
KOLKATA-700 020

Rest of India.

Telegraphic address "PATENTS"
Phone No. (033) 247 4401, 247 4402, 247 4403.
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पेटेंट कार्यालय
दफ्तर तथा अभिकल्प

कोलकाता, दिनांक 23 मार्च 2002

पेटेंट कार्यालय के कार्यालय के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:-

पेटेंट कार्यालय शाखा,
टोडी इन्स्टेड, सीसरा तल,
मन मिल कॉम्पाउंड,
लोअर पेरल (वेस्ट),
मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश,
गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव,
दादरा और नगर हवेली।

तार पता - "पेटेंटोफिक"

फोन - (022) 492 4058, 496 1370, 490 3684.

फैक्स - (022) 490 3852.

पेटेंट कार्यालय शाखा,
डब्ल्यू-5, वेस्ट पटेल नगर,
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटोफिक"

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587 1258, 587 7245

फैक्स - (011) 587 6209, 587 2532.

पेटेंट कार्यालय शाखा,
गुना कम्प्लेक्स, छत्ता तल, एनेक्स-II,
443, अन्नासलाई, तेनामपेट,
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ
शासित क्षेत्र, लक्षद्वीप, मिनिक्काय तथा
एर्मावेदिवि द्वीप।

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फैक्स - (044) 431 4750/4751.

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5वां, 6ठा व 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कोलकाता - 700 020।

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तार पता - "पेटेंट्स"

फोन - (033) 247 4401, 247 4402, 247 4403

फैक्स - (033) 247 3851, (033) 240 1353.

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

THE PATENT OFFICE CALCUTTA

National Phase Application Filed under PCT Chapter-I/II For The Month Of June 2001**National Phase Application No.** IN/PCT/2001/00584**Date of Receipt** Friday, June 01, 2001**PCT Application No.** PCT/EP99/09741**PCT Filing Date** Friday, November 12, 1999**Applicant(s)** FLZ

FASER LOGISTIKZENTRUM

GMBH.

Title GRANULATE AND METHOD AND DEVICE FOR
THE PRODUCTION THEREOF**Priority No.** 198 54 015.9**Priority Date** Thursday, November 12, 1998**National Phase Application No** IN/PCT/2001/00585**Date of Receipt** Friday, June 01, 2001**PCT Application No** PCT/IL99/00624**PCT Filing Date** Friday, November 19, 1999**Applicant(s)** PROJECTS LTD.**Title** A REACTOR AND PROCESS FOR BIOLOGICALLY
TREATING SEWAGE**Priority No** 127174**Priority Date** Friday, November 20, 1998**National Phase Application No** IN/PCT/2001/00586**Date of Receipt** Friday, June 01, 2001**PCT Application No** PCT/EP00/10314**PCT Filing Date** Thursday, October 19, 2000**Applicant(s)** PETER SIEGFRIED**Title** METHOD OFR THE REESTERIFICATION OF FAT AND/OR
OIL OF BIOLOGICAL ORIGIN BY MENAS OF ALGHOLYSIS**Priority No** 199 50 593.4**Priority Date** Wednesday, October 20, 1999**National Phase Application No** IN/PCT/2001/00587**Date of Receipt** Friday, June 01, 2001**PCT Application No** PCT/EP99/09270**PCT Filing Date** Monday, November 29, 1999**Applicant(s)** SIEMENS AG.**Title** CONDUCTOR ARRNGEMENT HAVING A NUMBER OF
ELECTRICAL CONDUCTORS FOR CARRYING POWER TO,
AND AWAY FROM, A WINDING ARRANGEMENT**Priority No** 98122902.4**Priority Date** Wednesday, December 02,

National Phase Application No	IN/PCT/2001/00588
Date of Receipt	Monday, June 04, 2001
PCT Application No	PCT/US99/29373
PCT Filing Date	Friday, December 10, 1999
Applicant(s)	PHARAMSOLUTIONS INC,
Title	SELF-EMULSIFYING COMPOSITINS FOR DRUGS POORLY SOLUBLE IN WATER
Priority No	60/111,951
Priority Date	Friday, December 11, 1998
National Phase Application No	IN/PCT/2001/00589
Date of Receipt	Monday, June 04, 2001
PCT Application No	PCT/EP99/09946
PCT Filing Date	Wednesday, December 15,
Applicant(s)	W, SCHLAFHORST AG & CO.
Title	YARN GUIDE FOR THE TRAVERSING DELIVERY OF A YARN TO A ROTATIONALLY TAKEUP BOBBIN
Priority No	198 58 548.9
Priority Date	Friday, December 18, 1998
National Phase Application No	IN/PCT/2001/00590
Date of Receipt	Friday, April 06, 2001
PCT Application No	PCT/US99/29775
PCT Filing Date	Wednesday, December 15,
Applicant(s)	THOMSON LICENSING S.A.
Title	SYSTEM AND METHOD FOR CUSTOMIZING PROGRAM GUIDE INFORMATION TO INCLUDE REMINDER ITEM OR LOCAL IDENTIFIER
Priority No	09/221,412
Priority Date	Monday, December 28, 1998

National Phase Application No	IN/PCT/2001/00591
Date of Receipt	Monday, June 04, 2001
PCT Application No	PCT/CA99/01034
PCT Filing Date	Wednesday, November 03,
Applicant(s)	KREPINSKY JIRI J,
Title	SCREENING TEST FOR EARLY DETECTION OF COLORECTAL
Priority No	09/270,103
Priority Date	Friday, November 06, 1998
National Phase Application No	IN/PCT/2001/00592
Date of Receipt	Monday, June 04, 2001
PCT Application No	PCT/CA99/00397
PCT Filing Date	Friday, April 30, 1999
Applicant(s)	MIVI TECHNOLOGIES INC,
Title	EXPANDABLE STENT AND METHOD FOR MANUFACTURING SAME
Priority No	09/188,114
Priority Date	Monday, November 09, 1998
National Phase Application No	IN/PCT/2001/00593
Date of Receipt	Wednesday, June 06, 2001
PCT Application No	PCT/US99/28599
PCT Filing Date	Thursday, December 02, 1999
Applicant(s)	HERITAGE TECHNOLOGIES,LLC
Title	VITAMIN COMPATIBLE MICRONUTRIENT SUPPLEMENT
Priority No	60/110,800
Priority Date	Wednesday, December 01,

National Phase Application No	IN/PCT/2001/00594
Date of Receipt	Wednesday, June 06, 2001
PCT Application No	PCT/US99/26062
PCT Filing Date	Friday, November 05, 1999
Applicant(s)	BORD OF SUPERVISOR OF LOUISIANA STATE UNIVERSITY AND SGRICULTURAL AND MECHANICAL COLLEGE,
Title	HERBICIDE RESISTANT RICE
Priority No	60/107,255
Priority Date	Thursday, November 05, 1998
National Phase Application No	IN/PCT/2001/00595
Date of Receipt	Wednesday, June 06, 2001
PCT Application No	PCT/US99/28998
PCT Filing Date	Tuesday, December 07, 1999
Applicant(s)	NEO,DENNIS AND SOLD,CHRIS
Title	ALL SIDED MOUTHBRUSH
Priority No	09/211,124
Priority Date	Monday, December 14, 1998
National Phase Application No	IN/PCT/2001/00596
Date of Receipt	Wednesday, June 06, 2001
PCT Application No	PCT/CA99/01168
PCT Filing Date	Tuesday, December 07, 1999
Applicant(s)	I.R.G. INFOMEDIA RESEARACH GROUP INC
Title	METHOD AND APPARATUS FOR PROVIDING A COMPUTERISED TELEVISION APPARATUS
Priority No	60/111,274
Priority Date	Monday, December 07, 1998

National Phase Application No	IN/PCT/2001/00597
Date of Receipt	Wednesday, June 06, 2001
PCT Application No	PCT/NZ99/00223
PCT Filing Date	Tuesday, December 21, 1999
Applicant(s)	FISHER & PAYKEL LIMITED
Title	A LAUNDRY APPLIANCE WITH LOAD BALANCING SYSTEM
Priority No	333573
Priority Date	Wednesday, December 23,
National Phase Application No	IN/PCT/2001/00598
Date of Receipt	Wednesday, June 06, 2001
PCT Application No	PCT/US99/229008
PCT Filing Date	Wednesday, December 08,
Applicant(s)	ELI LILLY AND COMPANY,
Title	PURIFICATION OF ECHINOCANDIN CYCLOPEPTIDE COMPOUNDS
Priority No	60/111,524
Priority Date	Wednesday, December 09,
National Phase Application No	IN/PCT/2001/00599
Date of Receipt	Wednesday, June 06, 2001
PCT Application No	PCT/SE99/02360
PCT Filing Date	Wednesday, December 15,
Applicant(s)	SANDVIK AB
Title	ROTARY DRILLING BIT
Priority No	9804399-5
Priority Date	Friday, December 18, 1998

National Phase Application No	IN/PCT/2001/00600
Date of Receipt	Thursday, June 07, 2001
PCT Application No	PCT/ES00/00413
PCT Filing Date	Friday, October 27, 2000
Applicant(s)	PATATAS CHEF,S.L
Title	SEMI-AUTOMATIC FRYING PAN WITH FUME AND SMELL PURIFICATION SYSTEM,
Priority No	9902387
Priority Date	Friday, October 29, 1999
National Phase Application No	IN/PCT/2001/00601
Date of Receipt	Thursday, June 07, 2001
PCT Application No	PCT/US99/30379
PCT Filing Date	Wednesday, October 20, 1999
Applicant(s)	MAXIM PHARMACEUTICALS,INC
Title	SYNTHESIS OF HISTAMINE DIHYDROCHLORIDE,
Priority No	60/113,933
Priority Date	Wednesday, December 23,
National Phase Application No	IN/PCT/2001/00602
Date of Receipt	Thursday, June 07, 2001
PCT Application No	PCT/CA99/01223
PCT Filing Date	Wednesday, December 22,
Applicant(s)	NATION RECEARACH COUNCIL OF CANADA AND DOW AGROSCIENCES LLC
Title	TRANSGENIC PLANTS AND METHOD FOR PRODUCTION THEREOF
Priority No	60/113,546
Priority Date	Tuesday, December 22, 1998

National Phase Application No	IN/PCT/2001/00603
Date of Receipt	Thursday, June 07, 2001
PCT Application No	PCT/US99/28499
PCT Filing Date	Thursday, December 02, 1999
Applicant(s)	UNIVERSITY OF MARYLAND BALTIMORE
Title	PLASMID MAINTENANCE SYSTEM FOR ANTIGEN DELIVERY
Priority No	09/204,117
Priority Date	Wednesday, December 02,
National Phase Application No	IN/PCT/2001/00604
Date of Receipt	Thursday, June 07, 2001
PCT Application No	PCT/JP00/07086
PCT Filing Date	Thursday, October 12, 2000
Applicant(s)	NGK INSULATORS LTD
Title	HIGH PRESSURE DISCHARGE LAMP ARC TUBE AND METHOD OF MPRODUCING THE SAME
Priority No	11/294180
Priority Date	Friday, October 15, 1999
National Phase Application No	IN/PCT/2001/00605
Date of Receipt	Thursday, June 07, 2001
PCT Application No	PCT/GB99/03915
PCT Filing Date	Thursday, November 25, 1999
Applicant(s)	SCHNEIDER ELECTRIC LIMITED
Title	FUSE HANDER
Priority No	9825900.5
Priority Date	Friday, November 27, 1998

National Phase Application No	IN/PCT/2001/00606
Date of Receipt	Thursday, June 07, 2001
PCT Application No	PCT/US99/330761
PCT Filing Date	Wednesday, December 22,
Applicant(s)	THOMSON LICENSING S A
Title	METHOD FOR SELECTING A PROGRAAM DISPLAYED IN ADVERTISEMENT IN AN APPLICATION SOFTWARE PROGRAM
Priority No	60/114,077
Priority Date	Monday, December 28, 1998
National Phase Application No	IN/PCT/2001/00607
Date of Receipt	Thursday, June 07, 2001
PCT Application No	PCT/US99/30632
PCT Filing Date	Wednesday, December 22,
Applicant(s)	THOMSON LICENSING S.A.
Title	METHOD FOR OPERATING APPRATUS VIA AN ELECTRONIC MAIL MESSAGE
Priority No	60/114,076
Priority Date	Monday, December 28, 1998
National Phase Application No	IN/PCT/2001/00608
Date of Receipt	Friday, June 08, 2001
PCT Application No	PCT/JP00/07464
PCT Filing Date	Wednesday, October 25, 2000
Applicant(s)	SHOWA DENKO K.K,
Title	NOVEL RHODOCOCCUS BACTERIUM,NITRILASE GENE NITRYL HYDRATASE GENE AND AMIDASE GENE FROM RHODOCOCCUS BACTERRIUM ANND PROCESS FOR PRODUCCING CARBOXYLIC ACID USINGTHEM
Priority No	11/303212
Priority Date	Tuesday, October 26, 1999

National Phase Application No	IN/PCT/2001/00609
Date of Receipt	Friday, June 08, 2001
PCT Application No	PCT/KR99/00819
PCT Filing Date	Monday, December 27, 1999
Applicant(s)	SSEDAA TECHNOLOGY CO LTD.
Title	CONSTRUCTION AND METHOD FOR JOINTING A PLURALITY OF STEEL MEMBERS USING SHEAR RINGS.
Priority No	1998/58697
Priority Date	Saturday, December 26, 1998

National Phase Application No	IN/PCT/2001/00610
Date of Receipt	Friday, June 08, 2001
PCT Application No	PCT/US99/29346
PCT Filing Date	Thursday, December 09, 1999
Applicant(s)	EATONI ERGONOMICS, INC
Title	METHOD AND APPRATUS FOR IMPROVED MULTI-TAPTEXT INPUT
Priority No	60/111,665
Priority Date	Thursday, December 10, 1998

National Phase Application No	IN/PCT/2001/00611
Date of Receipt	Friday, June 08, 2001
PCT Application No	PCT/US99/29343
PCT Filing Date	Thursday, December 09, 1999
Applicant(s)	EATONI ERGONOMICS INC.
Title	TOUCH-TYPABLE DEVICES BASED ON AMBIGUOUS CODES AND METHODS TO DESIGN SUCH DEVICES
Priority No	60/111,665
Priority Date	Thursday, December 10, 1998

National Phase Application No	IN/PCT/2001/00612
Date of Receipt	Friday, June 08, 2001
PCT Application No	PCT/US99/30668
PCT Filing Date	Tuesday, December 22, 1998
Applicant(s)	TEXACO DEVELOPMENT CORPORATION,
Title	FILTRATION OF FEED TO INTEGRATION OF SOLVENT DEASPHALTING AND GASIFICATION
Priority No	60/113,449
Priority Date	Wednesday, December 23,
National Phase Application No	IN/PCT/2001/00613
Date of Receipt	Friday, June 08, 2001
PCT Application No	PCT/EP99/09087
PCT Filing Date	Wednesday, November 24,
Applicant(s)	SIEMENS AG
Title	DEVICE FOR CONNECTING PIPING SECTIONS
Priority No	98123061 8
Priority Date	Wednesday, December 09,
National Phase Application No	IN/PCT/2001/00614
Date of Receipt	Friday, June 08, 2001
PCT Application No	PCT/US99/29025
PCT Filing Date	Wednesday, December 08,
Applicant(s)	CARL STRUTZ & CO INC
Title	WORKPIECE CONVEYOR FOR A DECORATING MACHINE
Priority No	09/207,839
Priority Date	Tuesday December 08, 1998

National Phase Application No	IN/PCT/2001/00615
Date of Receipt	Monday, June 11, 2001
PCT Application No	PCT/US99/28962
PCT Filing Date	Tuesday, December 07, 1999
Applicant(s)	GEOBIOTICS LLC.
Title	HIGH TEMPERATURE HEAP BIOLEACHING PROCESS
Priority No	09/212,579
Priority Date	Monday, December 14, 1998

National Phase Application No	IN/PCT/2001/00616
Date of Receipt	Monday, June 11, 2001
PCT Application No	PCT/US99/31180
PCT Filing Date	Wednesday, December 29,
Applicant(s)	COMPUTER ASSOCIATES THINK INC
Title	METHOD AND APPARATUS FOR A USER EXTENSIBLE EVENT STRUCTURE
Priority No	09/224,808
Priority Date	Thursday, December 31, 1998

National Phase Application No	IN/PCT/2001/00617
Date of Receipt	Monday, June 11, 2001
PCT Application No	PCT/US99/30827
PCT Filing Date	Monday, December 27, 1999
Applicant(s)	CITRIX SYSTEMS INC
Title	AN APPARAUS AND METHOD FOR DETERMINING A PROGRAM NEIGHBORHOOD FOR A CLIENT NODE IN A CLIENT-SERVER NETWORK
Priority No	60/111,0999
Priority Date	Tuesday, December 29, 1998

National Phase Application No	IN/PCT/2001/00618
Date of Receipt	Monday, June 11, 2001
PCT Application No	PCT/DE99/03816
PCT Filing Date	Wednesday, December 01,
Applicant(s)	SIEMENS AG.
Title	METHOD AND DEVICE FOR DRIVING A POWER OUTPUT STAGE
Priority No	198 55 604.7
Priority Date	Wednesday, December 02,
National Phase Application No	IN/PCT/2001/00619
Date of Receipt	Monday, June 11, 2001
PCT Application No	PCT/DE00/00690
PCT Filing Date	Saturday, January 29, 2000
Applicant(s)	SAAR-GUMMIWERK GMBH
Title	DEVICE FOR MOUNTING SHAPED DOOR SEALS USING AN SAS-SGM-TYPE METHOD
Priority No	199 04 183.0
Priority Date	Wednesday, February 03, 1999
National Phase Application No	IN/PCT/2001/00620
Date of Receipt	Monday, June 11, 2001
PCT Application No	PCT/DE99/04054
PCT Filing Date	Tuesday, December 21, 1999
Applicant(s)	INFINEON TECHNOLOGIES AG.
Title	DEVICE FOR VOLTAGE MULTIPLICATION WITH HIGH EFFICIENCY, AND ITS USE
Priority No	198 59 131.4
Priority Date	Monday, December 21, 1998

National Phase Application No	IN/PCT/2001/00621
Date of Receipt	Tuesday, June 12, 2001
PCT Application No	PCT/EP99/10383
PCT Filing Date	Thursday, December 23, 1999
Applicant(s)	LION BIOSCIENCE AG.
Title	METHOD AND APPARAUS OF PROCESSING SEMISTRUCTURED TEXTUAL DATA
Priority No	124868.5
Priority Date	Wednesday, December 30,
National Phase Application No	IN/PCT/2001/00622
Date of Receipt	Tuesday, June 12, 2001
PCT Application No	PCT/GB99/04278
PCT Filing Date	Thursday, December 16, 1999
Applicant(s)	QUEST INETRATIONAL B.V.
Title	IMPROVEMENTS IN OR RELATING TO REDUCTION OF MALODOUR
Priority No	98310619.6
Priority Date	Tuesday, December 22, 1998
National Phase Application No	IN/PCT/2001/00623
Date of Receipt	Tuesday, June 12, 2001
PCT Application No	PCT/EP99/09945
PCT Filing Date	Wednesday, December 15,
Applicant(s)	W.SCLAFHORST AG.& CO.
Title	THREAD GUIDE FOR TRAVERSING A THREAD IN A ROTATING WINDING BOBBIN
Priority No	19 58 547.0
Priority Date	Friday, December 18, 1998

National Phase Application No	IN/PCT/2001/00624
Date of Receipt	Tuesday, June 12, 2001
PCT Application No	PCT/DE99/03838
PCT Filing Date	Wednesday, December 01,
Applicant(s)	SIEMENS AG.
Title	METHOD AND ARRANGEMENT FOR CHANNEL CODING OR DECODING OF FRAME-STRUCTURED INFORMATION
Priority No	198 58 393.1
Priority Date	Thursday, December 17, 1998
National Phase Application No	IN/PCT/2001/00625
Date of Receipt	Wednesday, June 13, 2001
PCT Application No	PCT/US99/31181
PCT Filing Date	Tuesday, December 29, 1998
Applicant(s)	COMPUTER ASSOCIATES THINK INC
Title	CLIENT-SERVER DYNAMIC FILE ACCESS SYSTEM AND METHOD
Priority No	09/224,622
Priority Date	Thursday, December 31, 1998
National Phase Application No	IN/PCT/2001/00626
Date of Receipt	Thursday, June 14, 2001
PCT Application No	PCT/US99/31113
PCT Filing Date	Thursday, December 31, 1998
Applicant(s)	COMPUTER ASSOCIATES THINK INC
Title	METHOD AND APPARATUS FOR THE DUNAMIC FILTERING AND ROUTING OF EVENTS
Priority No	09/224,482
Priority Date	Thursday, December 31, 1998

National Phase Application No	IN/PCT/2001/00627
Date of Receipt	Thursday, June 14, 2001
PCT Application No	PCT/IB99/02021
PCT Filing Date	Friday, December 17, 1999
Applicant(s)	PERSONAL CHEMISTRY UPPSALA AB.
Title	MICROWAVE APPARATUS AND METHODS FOR PERFORMING CHEMICAL REACTIONS
Priority No	PA1998 01 16669
Priority Date	Thursday, December 17, 1998
National Phase Application No	IN/PCT/2001/00628
Date of Receipt	Thursday, June 14, 2001
PCT Application No	PCT/US00/29871
PCT Filing Date	Friday, October 27, 2000
Applicant(s)	HEWLETT-PACKARD COMPANY
Title	EDUCATABLE MEDIA DETERMINATION SYSTEM FOR INKJET PRINTING
Priority No	09/430,487
Priority Date	Friday, October 29, 1999
National Phase Application No	IN/PCT/2001/00629
Date of Receipt	Thursday, June 14, 2001
PCT Application No	PCT/US00/29878
PCT Filing Date	Friday, October 27, 2000
Applicant(s)	HEWLETT-PACKARD COMPANY
Title	ADVANCED MEDIA DETERMINING SYSTTEM FOR INKJET PRINTING
Priority No	09/430,487
Priority Date	Friday, October 29, 1999

National Phase Application No	IN/PCT/2001/00630
Date of Receipt	Friday, June 15, 2001
PCT Application No	PCT/US99/21605
PCT Filing Date	Tuesday, October 12, 1999
Applicant(s)	GENERAL ELECTRIC COMPANY
Title	REMOVAL OF LEAD FROM ORGANIC DIARYL CARBONATE REACTION MIXTURES
Priority No	09/218,536
Priority Date	Tuesday December 22, 1998
National Phase Application No	IN/PCT/2001/00631
Date of Receipt	Friday, June 15, 2001
PCT Application No	PCT/US99/29129
PCT Filing Date	Wednesday, December 08,
Applicant(s)	ORTHO-MCNEIL PHARMACEUTICAL INC
Title	TRIPHASIC ORAL CONTRACEPTIVE
Priority No	60/113,394
Priority Date	Wednesday, December 23,
National Phase Application No	IN/PCT/2001/00632
Date of Receipt	Monday, June 18, 2001
PCT Application No	PCT/DE99/03896
PCT Filing Date	Saturday, June 12, 1999
Applicant(s)	SIEMENS AG.
Title	FOSSIL-FIRED CONTINUOUS-FLOW STEAM GENERATOR
Priority No	198 58 780.5
Priority Date	Friday, December 18, 1998

National Phase Application No	IN/PCT/2001/00633
Date of Receipt	Monday, June 18, 2001
PCT Application No	PCT/DE99/04056
PCT Filing Date	Tuesday, December 21, 1999
Applicant(s)	INFINEON TECHNOLOGIES AG
Title	VERTICALLY INTEGRATED SEMICONDUCTOR SYSTEM
Priority No	198 60 819 5
Priority Date	Wednesday, December 30,
National Phase Application No	IN/PCT/2001/00634
Date of Receipt	Monday, June 18, 2001
PCT Application No	PCT/DE99/03785
PCT Filing Date	Thursday, November 25, 1999
Applicant(s)	WIDIA GMBH
Title	CUTTING INSERT AND TOOL HAVING A CUTTING INSERT
Priority No	298 22 553.0
Priority Date	Friday, December 18, 1998
National Phase Application No	IN/PCT/2001/00635
Date of Receipt	Monday, June 18, 2001
PCT Application No	PCT/US99/29805
PCT Filing Date	Thursday, December 16, 1999
Applicant(s)	INTEL CORPORATION
Title	A COMPUTER PROCESSOR HAVING A REPLAY UNIT
Priority No	09/222,805
Priority Date	Wednesday, December 30,

National Phase Application No	IN/PCT/2001/00636
Date of Receipt	Monday, June 18, 2001
PCT Application No	PCT/US99/30171
PCT Filing Date	Friday, December 17, 1999
Applicant(s)	BAKER NORTON PHARMACEUTICALS INC
Title	PHARMACEUTICAL AERSOL FORMULATIONS CONTAINING FLUOROALKANES AND BUDESONIDE
Priority No	09/215,279
Priority Date	Friday, December 17, 1999
National Phase Application No	IN/PCT/2001/00637
Date of Receipt	Monday, June 18, 2001
PCT Application No	PCT/US99/30163
PCT Filing Date	Friday, December 17, 1999
Applicant(s)	BAKER NORTON PHARMACETICALS INC
Title	PHARMACEUTICAL AEROSOL FORMULATION CONTAINING FLUOROALKANES BUDESONIDE AND FOR MOTEROL
Priority No	09/215,280
Priority Date	Friday, December 18, 1998
National Phase Application No	IN/PCT/2001/00638
Date of Receipt	Tuesday, June 19, 2001
PCT Application No	PCT/US99/29494
PCT Filing Date	Monday, December 13, 1999
Applicant(s)	OWENS CORING,
Title	NONAQUEOUS SIZING SYSTEM GLASS FIBER AND INJECTION MOLDABLE POLYMERS
Priority No	09/220,221
Priority Date	Wednesday, December 23,

National Phase Application No	IN/PCT/200/00639
Date of Receipt	Tuesday, June 19, 2001
PCT Application No	PCT/US99/24429
PCT Filing Date	Monday, October 18, 1999
Applicant(s)	GENERAL ELECTRIC COMPANY
Title	METHOD FOR MAKING AROMATIC CORBONATES
Priority No	09/224,162
Priority Date	Thursday, December 31, 1998

National Phase Application No	IN/PCT/2001/00640
Date of Receipt	Wednesday, June 20, 2001
PCT Application No	PCT/US99/30713
PCT Filing Date	Wednesday, December 22,
Applicant(s)	METABASIS THERAPEUTICS, INC
Title	A COMBINATION OF FBpase INHIBITORS AND INSULIN SENSITIZERS FOR THE TREATMENT OF DIABETES
Priority No	60/114,718
Priority Date	Thursday, December 24, 1998

National Phase Application No.	IN/PCT/2001/00641
Date of Receipt	Wednesday, June 20, 2001
PCT Application No.	PCT/US00/00168
PCT Filing Date	Wednesday, January 5, 2000
Applicant(S)	PAGE, J. DENNIS
Title	LIGHTING PROTECTION SYSTEM
Priority No.	60/114,832
Priority Date	Wednesday, January 06, 1999

National Phase Application No	IN/PCT/2001/00642
Date of Receipt	Wednesday, June 20, 2001
PCT Application No	PCT/US99/41206
PCT Filing Date	Monday, October 16, 2000
Applicant(s)	GENERAL VALVE INC
Title	AN APPARAUS AND METHOD FOR VERIFYING THE MATERIAL PROPERTIES OF A PLUG VALVE SEALING ELEMENT
Priority No	09/419,309
Priority Date	Monday, October 18, 1999
National Phase Application No	IN/PCT/2001/00643
Date of Receipt	Wednesday, June 20, 2001
PCT Application No	PCT/JP00/07264
PCT Filing Date	Thursday, October 19, 2000
Applicant(s)	MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTD.
Title	PROGRAM UPDATING METHOD AND COMMUNICATION TERMINAL APPARATUS
Priority No	11/299052
Priority Date	Thursday, October 21, 1999

National Phase Application No	IN/PCT/2001/00644
Date of Receipt	Wednesday, June 20, 2001
PCT Application No	PCT/FR99/03244
PCT Filing Date	Wednesday, December 22,
Applicant(s)	THOMSON MULTIMEDIA
Title	PROCESS FOR STORING A DIGITAL AUDIO AND VIDEO DATASTREAM, STORAGE DEVICE AND RECEIVER FOR IMPLEMENTING THE PROCESS
Priority No	98/16492
Priority Date	Monday, December 28, 1998
National Phase Application No	IN/PCT/2001/00645
Date of Receipt	Wednesday, June 20, 2001
PCT Application No	PCT/FR99/03298
PCT Filing Date	Tuesday, December 28, 1999
Applicant(s)	THOMSON MULTIMEDIA
Title	PROCESS FOR THE SIMULTANEOUS RECORDING AND READING OF A DIGITAL AUDIO AND VIDEO DATA STREAM, AND RECEIVER FOR IMPLEMENTING THE PROCESS
Priority No	98/16491
Priority Date	Monday, December 28, 1998
National Phase Application No	IN/PCT/2001/00646
Date of Receipt	Thursday, June 21, 2001
PCT Application No	PCT/EP99/08560
PCT Filing Date	Tuesday, November 09, 1999
Applicant(s)	MERCK PATENT GMBH
Title	SUBSTITUTED BENZO[DE]ISOQUINOLINE-1,3-DIONES
Priority No	09/199,409
Priority Date	Wednesday, November 25,

National Phase Application No	IN/PCT/2001/00647
Date of Receipt	Thursday, June 21, 2001
PCT Application No	PCT/EP99/08561
PCT Filing Date	Tuesday, November 09, 1999
Applicant(s)	MERCK PATENT GMBH
Title	SUBSTITUTED BENZO[de]ISOQUINOLONE-1,3-DIONES
Priority No	09/199,413
Priority Date	Wednesday, November 25,
National Phase Application No	IN/PCT/2001/00648
Date of Receipt	Sunday, June 21, 201
PCT Application No	PCT/EP99/08795
PCT Filing Date	Tuesday, November 16, 1999
Applicant(s)	MERCK PATENT GMBH
Title	USE OF BENZOYLGUANIDINES FOR THE TREATMENT OF NON-INSULIN-DEPENDENT DIABETES MELLITUS
Priority No	98122419 9
Priority Date	Thursday, November 26, 1998
National Phase Application No	IN/PCT/2001/00649
Date of Receipt	Thursday, June 21, 2001
PCT Application No	PCT/NO99/00376
PCT Filing Date	Monday, December 13, 1999
Applicant(s)	LEIV EIRIKSSON NYFOTEK AS
Title	METHOD FOR REDUCING FRICTIONAL LOSSES IN TUNNELS
Priority No	19986193
Priority Date	Wednesday, December 30,

National Phase Application No	IN/PCT/2001/00650
Date of Receipt	Thursday, June 21, 2001
PCT Application No	PCT/US99/30989
PCT Filing Date	Monday, December 27, 1999
Applicant(s)	OWENS CORNING
Title	PROCESS AND APPARATUS FOR FILAMENT WINDING COMPOSITE WORKPIECES
Priority No	09/223,704
Priority Date	Wednesday, December 30,
National Phase Application No	IN/PCT/2001/00651
Date of Receipt	Thursday, June 21, 2001
PCT Application No	PCT/FR00/02963
PCT Filing Date	Wednesday, October 25, 2000
Applicant(s)	ROQUETTE FRERES
Title	METHOD FOR PREPARING A NON-CRYSTALLIZABLE POLYOL SYRUP
Priority No	99/13492
Priority Date	Wednesday, October 28, 1998
National Phase Application No	IN/PCT/2001/00652
Date of Receipt	Thursday, June 21, 2001
PCT Application No	PCT/GB99/04200
PCT Filing Date	Friday, December 17, 1999
Applicant(s)	ML LABORATORIES PLC
Title	IMMUNOSUPPRESSION
Priority No	9925015.1
Priority Date	Saturday, October 23, 1999

National Phase Application No IN/PCT/2001/00653
Date of Receipt Thursday, June 21, 2001
PCT Application No PCT/IB00/00038
PCT Filing Date Thursday, January 13, 2000
Applicant(s) COMPUTER ASSOCIATES
THINK INC
Title SIGNATURE RECOGNITION SYSTEM AND METHOD
Priority No 60/115,867
Priority Date Wednesday, January 13, 1999

National Phase Application No IN/PCT/2001/00654
Date of Receipt Thursday, June 21, 2001
PCT Application No PCT/GB99/04268
PCT Filing Date Thursday, December 30, 1999
Applicant(s) ML LABORATORIES PLC
Title GENE THERAPY-1
Priority No 9900009.3
Priority Date Monday, January 04, 1999

National Phase Application No IN/PCT/2001/00655
Date of Receipt Friday, June 22, 2001
PCT Application No PCT/FR00/00022
PCT Filing Date Friday, January 07, 2000
Applicant(s) ATOFINA
Title METHOD FOR PREPARING AZOIMINOETHERS AND
AZOCARBOXYLIC ACID ESTERS AND NOVEL
AZOCARBOXYLIC ACID MIXED ESTERS
Priority No
Priority Date

National Phase Application No	IN/PCT/2001/00656
Date of Receipt	Tuesday, May 22, 2001
PCT Application No	PCT/US00/29004
PCT Filing Date	Thursday, October 19, 2000
Applicant(s)	OCULEX PHARMACEUTICALS INC
Title	CONTROLLED-RELEASE BIOCOMPATIBLE OCULAR DRUG DELIVERY IMPLANT DEVICES AND METHODS
Priority No	09/426,141
Priority Date	Friday, October 22, 1999
National Phase Application No	IN/PCT/2001/00657
Date of Receipt	Monday, June 25, 2001
PCT Application No	PCT/US00/00457
PCT Filing Date	Friday, January 07, 2000
Applicant(s)	THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF AGRICULTURE
Title	METHOD AND KIT FOR EXTRACTED PRION PROTEIN
Priority No	6,150,172
Priority Date	Tuesday, November 21, 2000
National Phase Application No	IN/PCT/2001/00658
Date of Receipt	Monday, June 25, 2001
PCT Application No	PCT/US99/30869
PCT Filing Date	Wednesday, December 22,
Applicant(s)	G.D.SEARLE & CO.
Title	COMBINATION THERAPY OF RADIATION AND A COX-2 INHIBITORS OR THE TREATMENT OF NEOPLASIA
Priority No	60/113,786
Priority Date	Wednesday, December 23,

National Phase Application No	IN/PCT/2001/00659
Date of Receipt	Monday, June 25, 2001
PCT Application No	PCT/US99/30776
PCT Filing Date	Wednesday, December 22,
Applicant(s)	G,D,SEAREL & CO
Title	METHOD OF USING A CYCLOOXYGENASE -2 INHIBITOR AND A MAATRIX METALLOPROTEINASE INHIBITOR AS A COMBINATION THERAPY IN THE TREATMENT OF NEOPLASIA
Priority No	60/113,786
Priority Date	Wednesday, December 23,
National Phase Application No	IN/PCT/2001/00660
Date of Receipt	Monday, June 25, 2001
PCT Application No	PCT/US99/30693
PCT Filing Date	Wednesday, December 22,
Applicant(s)	G.D.SEAREL & CO
Title	USE OF A CYCLOOXYGENASE -2 INHIBITOR AND ONE OR MORE ANTINEOPLASTIC AGENT FOR COMBINATION THERAPY IN NEOPLASIA
Priority No	60/113,786
Priority Date	Wednesday, December 23,
National Phase Application No	IN/PCT/2001/00661
Date of Receipt	Monday, June 25, 2001
PCT Application No	PCT/DE00/00012
PCT Filing Date	Monday, January 03, 2000
Applicant(s)	SIEMENS AG.
Title	TELEPHONE, ESPECIALLY A MOBILE TELEPHONE FOR CHILDREN
Priority No	199 00 167.7.
Priority Date	Tuesday, January 05, 1999

National Phase Application No	IN/PCT/2001/00662
Date of Receipt	Monday, June 25, 2001
PCT Application No	PCT/DE00/00056
PCT Filing Date	Thursday, February 10, 2000
Applicant(s)	SIEMENS AG.
Title	FOSSIL-FIRED STEAM GENERATOR
Priority No	199 01 430 2
Priority Date	Monday, January 18, 1999
National Phase Application No	IN/PCT/2001/00663
Date of Receipt	Tuesday, June 26, 2001
PCT Application No	PCT/EP00/00046
PCT Filing Date	Wednesday, January 05, 2000
Applicant(s)	DYSTAR TEXTILFARBEN GMBH & CO.
Title	CRYSTALLINE MODIFICATION OF WATER-INSOLUBLE MONOAZO DYE
Priority No	11/2978
Priority Date	Friday, January 08, 1999
National Phase Application No	IN/PCT/2001/00664
Date of Receipt	Tuesday, June 26, 2001
PCT Application No	PCT/NO99/00406
PCT Filing Date	Wednesday, December 29,
Applicant(s)	CLAVIS BIOPROPULSION AS
Title	A METHOD AND DEVICE FOR PROPULSION OF VESSELS
Priority No	19986181
Priority Date	Tuesday, December 29, 1998

National Phase Application No	IN/PCT/2001/00665
Date of Receipt	Tuesday, June 26, 2001
PCT Application No	PCT/FI99/00947
PCT Filing Date	Tuesday, November 16, 1999
Applicant(s)	AALTO KARI AND OTHERS
Title	PURIFYING DEVICE FOR LIQUID
Priority No	982673
Priority Date	Thursday, December 10, 1998
.	
National Phase Application No	IN/PCT/2001/00666
Date of Receipt	Tuesday, June 26, 2001
PCT Application No	PCT/US99/30970
PCT Filing Date	Tuesday, December 28, 1999
Applicant(s)	CELGENE CORPORATION
Title	CHIRAL IMIDAZOLE FUNGICIDAL COMPOSITIONS AND METHODS FOR THEIR USE
Priority No	60/114,508
Priority Date	Thursday, December 31, 1998
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National Phase Application No	IN/PCT/2001/00667
Date of Receipt	Tuesday, June 26, 2001
PCT Application No	PCT/US00/00314
PCT Filing Date	Friday, January 07, 2000
Applicant(s)	MAXIM PHARMACEUTICALS, INC.
Title	TREATMENT AND PREVENTION OF REACTIVE OXYGEN METABOLITE-MEDIATED CELLULAR DAMAGE.
Priority No	09/227,455
Priority Date	Friday, January 08, 1999

National Phase Application No	IN/PCT/2001/00668
Date of Receipt	Tuesday, June 26, 2001
PCT Application No	PCT/EPOO/00084
PCT Filing Date	Friday, January 07, 2000
Applicant(s)	FRIZ BIOCHEM GMBH
Title	METHOD FOR ELECTROCHEMICALLY DETECTING NUCLEIC ACID-OLIGOMER HYBRIDISATION EVENTS
Priority No	19901761
Priority Date	Monday, January 18, 1999
National Phase Application No	IN/PCT/2001/00669
Date of Receipt	Wednesday, June 27, 2001
PCT Application No	PCT/US00/00689
PCT Filing Date	Tuesday, January 11, 2000
Applicant(s)	INFOSPACE, INC
Title	ROUTING MESSAGES TO ACHIEVE UNIFIED COMMUNICATIONS.
Priority No	09/228,179
Priority Date	Monday, January 11, 1999
National Phase Application No	IN/PCT/2001/00670
Date of Receipt	Wednesday, June 27, 2001
PCT Application No	PCT/US00/00688
PCT Filing Date	Tuesday, January 11, 2000
Applicant(s)	INFOSPACE, INC
Title	SERVER AND METHOD FOR ROUTING MESSAGES TO ACHIEVE UNIFIED COMMUNICATIONS
Priority No	09/228,249
Priority Date	Monday, January 11, 1999

National Phase Application No	IN/PCT/2001/00671
Date of Receipt	Wednesday, June 27, 2001
PCT Application No	PCT/US00/01051
PCT Filing Date	Sunday, January 14, 2001
Applicant(s)	UNITED STATES FILTER CORPORATION
Title	MOUNTING SYSTEM FOR MODULAR PANELS USED IN A SCREEN DECK
Priority No	09/233,565
Priority Date	Tuesday, January 19, 1999
National Phase Application No	IN/PCT/2001/00672
Date of Receipt	Wednesday, June 27, 2001
PCT Application No	PCT/US00/03848
PCT Filing Date	Tuesday, February 15, 2000
Applicant(s)	TECHINT COMPAGNIA TECNICA INTERNAZIONALE S P A
Title	CONTINUOUS CHARGE PREHEATING,MELTING,REFINING AND CASTING
Priority No	60/121,261
Priority Date	Tuesday, February 23, 1999
National Phase Application No	IN/PCT/2001/00673
Date of Receipt	Wednesday, June 27, 2001
PCT Application No	PCT/EP00/00168
PCT Filing Date	Wednesday, January 12, 2000
Applicant(s)	IWKA PACUNION GMBH
Title	DEVICE FOR WELDING THE ENDS OF TUBULAR CONTAINERS MADE FROM PLASTIC, IN PARTICULAR TUBES
Priority No	
Priority Date	

National Phase Application No	IN/PCT/2001/00674
Date of Receipt	Monday, June 25, 2001
PCT Application No	PCT/US00/00352
PCT Filing Date	Sunday, July 01, 2001
Applicant(s)	LEXIGEN PHARMACEUTIALS CORP
Title	EXPRESSION AND EXPORT OF ANTI-OBESITY PROTEINS AS Fc FUSION PROTEINS
Priority No	60/115,079
Priority Date	Thursday, January 07, 1999

National Phase Application No	IN/PCT/2001/00675
Date of Receipt	Monday, June 25, 2001
PCT Application No	PCT/GR00/00003
PCT Filing Date	Friday, January 14, 2000
Applicant(s)	ELPEN S.A.
Title	HYPOLIPIDEMIC AND ANTIOXIDANT MORPHOLINE DERIVATIVES
Priority No	990100015
Priority Date	Thursday, January 14, 1999

National Phase Application No	IN/PCT/2001/00676
Date of Receipt	Monday, June 25, 2001
PCT Application No	PCT/US99/31135
PCT Filing Date	Wednesday, December 29,
Applicant(s)	COMPUTER ASSOCIATES THINK INC
Title	SYSTEM AND METHOD FOR DYNAMIC CORRELATION OF EVENTS
Priority No	09/224,487
Priority Date	Thursday, December 31, 1998

National Phase Application No IN/PCT/2001/00677
Date of Receipt Monday, June 25, 2001
PCT Application No PCT/US00/00317
PCT Filing Date Friday, January 07, 2000
Applicant(s) MAXIM PHARMACEUTICALS
INC
Title METHODS AND COMPOSITIONS FOR TOPICAL
TREATMENT OF DAMAGED TISSUE USING REACTIVE
OXYGEN METABOLIC PRODUCTION OR RELEASE
INHIBITORS
Priority No 09/227,801
Priority Date Friday, January 08, 1999

National Phase Application No IN/PCT/2001/00678
Date of Receipt Monday, June 25, 2001
PCT Application No PCT/US00/00094
PCT Filing Date Tuesday, January 04, 2000
Applicant(s) MAXIM PHARMACEUTICALS
INC
Title SYNERGISTIC TUMORCIDAL RESPONSE INDUCED BY
HISTAMINE
Priority No 09/226,226
Priority Date Wednesday, January 06, 1999

National Phase Application No IN/PCT/2001/00679
Date of Receipt Monday, June 25, 2001
PCT Application No PCT/AU99/01033
PCT Filing Date Thursday, November 25, 1999
Applicant(s) COMMONWEALTH
SCIENTIFIC AND INDUSTRIAL
RESEARCH ORGANIZATION
Title TERMIT ATTRACTANT AND/OR FEEDING STIMULANT
Priority No
Priority Date

National Phase Application No IN/PCT/2001/00680
Date of Receipt Thursday, June 28, 2001
PCT Application No PCT/US99/28408
PCT Filing Date Tuesday, November 30, 1999
Applicant(s) IVF SCIENCES
COLORADO, INC
Title SYSTEM AND SEQUENTIAL CULTURE MEDIA FOR IN
VITRO FERTILIZATION
Priority No
Priority Date

National Phase Application No	IN/PCT/2001/00681
Date of Receipt	Thursday, June 28, 2001
PCT Application No	PCT/JP00/07535
PCT Filing Date	Friday, October 27, 2000
Applicant(s)	MATSUSHITA ELECTRIC INDUSTRIAL CO LTD.
Title	DISPLAY APPARATUS, PICTURE GENERATION APPARATUS, DISPLAY METHOD AND PICTURE GENERATION METHOD
Priority No	11/310111
Priority Date	Friday, October 29, 1999
National Phase Application No	IN/PCT/2001/00682
Date of Receipt	Thursday, June 28, 2001
PCT Application No	PCT/JP00/07536
PCT Filing Date	Friday, October 27, 2000
Applicant(s)	MATSUSHITA ELECTRIC INDUSTRIAL CO LTD
Title	COMMUNICATION APPARATUS AND COMMUNICATION METHOD
Priority No	11/309005
Priority Date	Friday, October 27, 2000

National Phase Application No IN/PCT/2001/00683
Date of Receipt Thursday, June 28, 2001
PCT Application No PCT/IB99/00666
PCT Filing Date Monday, February 15, 1999
Applicant(s) GLORY WIN INTERNATIONAL
GROUP LIMITED

Title TWO TERMINAL BATTERY
Priority No
Priority Date

National Phase Application No IN/PCT/2001/00684
Date of Receipt Thursday, June 28, 2001
PCT Application No PCT/JP99/05421
PCT Filing Date Friday, October 01, 1999
Applicant(s) SEFT DEVELOPMENT
LABORATORY CO.LTD.
Title COOLING DEVICE AIMED SPACER
Priority No
Priority Date

National Phase Application No IN/PCT/2001/00685
Date of Receipt Thursday, June 28, 2001
PCT Application No PCT/JP99/05835
PCT Filing Date Friday, October 22, 1999
Applicant(s) SEFT DEVELOPMENT
LABORATORY CO,LTD
Title SPACER
Priority No NONE
Priority Date

National Phase Application No	IN/PCT/2001/00686
Date of Receipt	Thursday, June 28, 2001
PCT Application No	PCT/IB99/01925
PCT Filing Date	Tuesday, November 30, 1999
Applicant(s)	CYTOS BIOTECHNOLOGY AG
Title	ORDERED MOLECULAR PRESENTATION OF ANTIGENS, METHOD OF PREPARATION AND USE.
Priority No	60/110,41411/30/98
Priority Date	
National Phase Application No	IN/PCT/2001/00687
Date of Receipt	Friday, June 29, 2001
PCT Application No	PCT/GB00/00211
PCT Filing Date	Thursday, January 27, 2000
Applicant(s)	NEW TRANSDUCERS LIMITED
Title	RESONANT PANEL-FORM LOUDSPEAKERS
Priority No	9901895
Priority Date	Friday, January 29, 1999
National Phase Application No	IN/PCT/2001/00688
Date of Receipt	Friday, June 29, 2001
PCT Application No	PCT/US99/30740
PCT Filing Date	Wednesday, December 22,
Applicant(s)	ORPHAN MEDICAL INC
Title	MICROBIOLOGICALLY SOUND AND STABLE SOLUTIONS OF GAMMA-HYDROXYBUTYRATE SALT FOR THE TREATMENT OF NARCOLEPSY.
Priority No	60/113,745
Priority Date	Wednesday, December 23, 1998

National Phase Application No	IN/PCT/2001/00689
Date of Receipt	Friday, June 29, 2001
PCT Application No	PCT/EP00/00140
PCT Filing Date	Tuesday, January 11, 2000
Applicant(s)	EMITEC GESELLSCHAFT FÜR EMISSIONSTECHNOLOGIE MBH
Title	METAL FOIL CONNECTION AND METAL FOIL-BRAZING MEDIUM PARTICLE FRACTION FOR METAL FOILS
Priority No	199 03 184 3
Priority Date	Wednesday, January 27, 1999
National Phase Application No	IN/PCT/2001/00690
Date of Receipt	Friday, June 29, 2001
PCT Application No	PCT/JP00/00542
PCT Filing Date	Tuesday, February 01, 2000
Applicant(s)	SUMITOMO CHEMICAL COMPANY LIMITED
Title	PROCESS FOR PRODUCING 2 -HYDROXY-4-METHYL THIOBUPANOIC ACID
Priority No	11/26491
Priority Date	Wednesday, February 03, 1999
National Phase Application No	IN/PCT/2001/00691
Date of Receipt	Monday July 02, 2001
PCT Application No	PCT/DE00/00055
PCT Filing Date	Monday January 10, 2000

ALTERATION OF DATE

187310 filed on 22.3.2000—289/DEL/2000 Ante dated to 12.4.96.

187313 filed on 24.04.2001—517/DEL/2001 Ante date to 10.06.97.

187318 filed on 24.04.2001—518/DEL/2001 Anti date to 10.06.97.

187319 filed on 24.04.2001—519/DEL/2001 Anti date to 10.06.97.

187320 filed on 24.04.2001—520/DEL/2001 Anti date to 10.06.97.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

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स्वीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध को सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/- रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है।

Indian Classification	:	69 A	187291
International Classification ⁴	:	H 01H 51/00	
Title	:	“ AN IMPROVED POLARIZED RELAY DEVICE”.	
Applicant	:	MATSUHITA ELECTRIC WORKS, LTD., a Japanese company, of 1048, Oaza-Kadoma, Kadoma-shi, Osaka, Japan.	
Inventors	:	KAZUHIRO NOBUTOKI, KYOJI UEDA, HIROYUKI KITA AND HIROAKI AIHOSHI – JAPANESE.	

Application for Patent Number 839/DEL/93 filed on 06.8.93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(12 Claims)

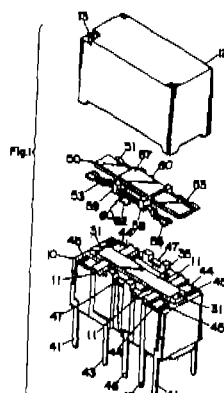
An improved polarized relay device comprising :

A coil (20) block having an elongated coil (21) bobbin, a core (30) inserted therein, and excitation coil (25) means wound about said coil (21) bobbin, said core (30) having opposed pole ends projecting upwardly from longitudinal ends of said coil (21) bobbin, a permanent (35) magnet being interposed between said pole ends of the core;

An armature (50) block having an elongated substantially flat (51) armature and a set of movable (53) springs carrying movable contacts and held together with said armature (51) by means of an electrically (57) insulating harness molded on said armature (51), said armature (51) pivotally supported on said coil (20) block to be movable between two contact operating positions and extending along said permanent (35) magnet is cooperative therewith and the said core (30) to form a magnetic circuit ;

A terminal (40) assembly including coil terminals (41) leading to said coil means (25) and fixed contact (43) terminals provided respectively with fixed contacts at contact ends of said contact terminals;

Said improved polarized relay device characterized in that said device is provided with an integral base (10) unit comprising a coil (20) block and a terminal (40) assembly formed integrally therewith of an electrically insulating material, said armature (50) block being assembled on said base unit (10) with movable contacts held in an engageable relation to said fixed contacts (45).



(Complete Specification 25 PagesDrawing - 9 Sheets)

Indian Classification	:	145 A 145 E ₃	187292
International Classification ⁴	:	C 08 L 93/00 D 21 H 1/00, 3/00	
Title	:	“A PROCESS FOR THE PREPARATION OF A COMPOSITION USEFUL FOR THE PRODUCTION OF IMPROVED QUALITY TRACING PAPER ”	
Applicant	:	Council of Scientific and Industrial Research, Rafi Marg, New Delhi –110001, India, an Indian Registered body incorporated under the Registra- tion of Societies Act (Act XXI of 1860).	
Inventors	:	SAMIR KUMAR GHOSH -INDIA DIP CHANDRA SAIKIA -INDIA DULESWAR MAHANTA -INDIA	

Application for Patent Number 912/Del/93 filed on 23.08.1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
Branch, New Delhi – 110 008

(06 Claims)

A process for the preparation of a composition useful for the production of improved quality tracing paper which comprises soaking a thermoplastic polymer (10-15%) in an organic solvent (82-83%), heating the resultant at a temperature of 60-80°C under stirring, adding 1.0-22% a diluent such as herein described and a plasticizer (0.3 to 0.6%) under stirring for 1-2 hrs. to get a composition.

(Complete Specification 09 Pages Drawing Sheet – NIL)

Indian Classification	:	40 F	187293
International Classification ⁴	:	C11B 3/00	
Title	:	“A PROCESS FOR THE PREPARATION OF JOJOBA ESTOLIDE HAVING IMPROVED POUR POINT AND LONG CHAIN FATTY ACIDS FROM JOJOBA OIL.”	
Applicant	:	Council of Scientific and Industrial Research, Rafi Marg, New Delhi –110001, India, an Indian Registered body incorporated under the Registra- tion of Societies Act (Act XXI of 1860).	
Inventors	:	VIRENDRA KUMAR BHATIA-INDIA SAVITA KAUL-INDIA VIDYA BHUSHAN KAPOOR-INDIA	

Application for Patent Number 991/Del/93 filed on 08.09.1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
Branch, New Delhi – 110 008

(05 Claims)

A process for the preparation of jojoba estolide having improved pour point and long chain fatty acids from jojoba oil which comprises transesterifying jojoba oil by treating with oleic acid in the presence of sulphuric acid as the catalyst at a temperature in the range of 160 to 170°C, cooling the reaction mixture, neutralising with an alkali washing with water to remove the salts and distilling to recover the unreacted oleic acid, purifying the resultant by conventional methods.

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(Complete Specification 09 Pages Drawing Sheet - --)

Indian Classification	:	201 C,D	187294
International Classification ⁴	:	C 02 F 5/00	
Title	:	“AN IMPROVED PROCESS FOR THE PREPARATION OF POLLUTANT FREE WATER FROM TANNERIES WASTE WATER ”	
Applicant	:	Council of Scientific and Industrial Research, Rafi Marg, New Delhi –110001, India, an Indian Registered body incorporated under the Registra- tion of Societies Act (Act XXI of 1860).	
Inventors	:	GANESAN SEKARAN-INDIA KALYANARAMAN CHITRA-INDIA MUTHIAH MARIAPPAN-INDIA KONDAPURAM VIJAYA RAGHAVAN-INDIA	

Application for Patent Number 994/Del/93 filed on 08.09.1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
Branch, New Delhi – 110 008

(05 Claims)

An improved process for the preparation of pollutant free water from tanneries waste water which comprises adjusting the waste water pH at 9.7, allowing the said waste water to settle for a period of 2 hours, passing the settled waste water through a reactor containing rice bran based granular activated carbon and oxidizing the said liquor by passing a flow of air to obtain water free from pollutants.

(Complete Specification 13 Pages Drawing Sheet – 1 Sheet)

Indian Classification	:	39 L+Q.	187295
International Classification ⁴	:	CO1B 13/14;CO1B 17/20.	
Title	:	“A PROCESS FOR THE PREPARATION OF NANO DIMENSIONAL PARTICLES OF II – IV METALS”.	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg New Delhi 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.	
Inventors	:	PARTHASARATHY GANGULY. NEELA RAGHUNATH PAVASKAR. KUNJUKRISHNAPLLAI VIJAYAMOHANAN SANTHI GEORGE PRABHAT SINGH-All Indian.	
Kind of Application	:	COMPLETE	

Application for Patent Number 1165/DEL93 filed on 18.10.93

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005

(05- Claims)

A process for the preparation of nano dimensional particles of II-IV metals of periodic table in a carbonaceous matrix useful as semiconductor which comprises (I) mixing thoroughly inorganic salts of metals from the group of periodic table II to VI such as Cd, Zn, Ni, Fe, Co, W, Mo with polyphenylene sulfides in presence of an organic solvent such as herein described to form uniform suspension (ii) making pellets after completely drying the suspension under pressure of 5000 to 6000 psi and heating at a temperature in the range of 400 to 800°C in inert atmosphere for 20 minutes to 2 hours (iii) cooling (annealing) to room temperature to get nanodimensional particles dispersed in the matrix.

R^5 and R^6 are independently a branched C_3 - C_8 alkyl group; and
n is an integer of at least 1, and m and p are independently 0 or an integer of at least 1,
provided that the sum of m, p and n is 2, 3, 4 or 5; and optionally of

- (c) at least one hydrophilic monomer such as herein described;
- (d) at least one crosslinking monomer such as herein described;
- (e) at least one polymerisation initiator such as herein above described; and
- (f) optionally diluent such as herein above described,

wherein said casting step is carried as described hereinabove, said curing step is preferably carried out in ultraviolet light preferably at room temperature preferably for about 2 hours followed by extraction with water and said hydrating step is preferably carried out in buffered saline as described herein above.

wherein said monomer mixture comprises:

at least 20 parts by weight of said component (a) and at least 10 parts by weight of said component (b), and

optionally at least 10 parts by weight of said hydrophilic monomer, and at least 0.01 parts by weight of said crosslinking monomer and of said polymerization initiator based on 100 parts by weight of total monomers in said monomer mixture.

(Complete Specification Pages 29 Drawing-- Sheets)

Indian Classification	:	32E	187297
International Classification ⁴	:	CO8L 23/00, CO8L 00 7/00, CO8L 009/00	
Title	:	“A PROCESS FOR THE PREPARATION OF THERMOPLASTIC ELASTOMERS HAVING IMPROVED AND LOW TEMPERATURE PROPERTIES”.	
Applicant	:	ADVANCED ELASTOMER SYSTEMS, L.P., A LIMITED PARTNERSHIP, ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, USA AND HAVING A PRINCIPAL PLACE OF BUSINESS AT 540 MARYVILLE CENTRE DRIVE, ST. LOUIS, MISSOURI 63141 USA.	
Inventors	:	MARIA DOLORES ELLUL-U.S.	

Application for Patent Number 1452/DEL/93 filed on 24.12.93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005

(15- Claims)

A process for the preparation of thermoplastic elastomers having improved and low temperature performance characteristics comprising the following steps-

- (a) blending 90 to 10 weight percent of an olefinic rubber with 10 to 90 weight percent of a thermoplastic crystalline polyolefin polymer, preferably thermoplastic crystalline polyolefin homopolymer or copolymer at a temperature above the melting point of said polyolefin,
- (b) adding to the blend of step-a from 1 to 250 parts “per hundred parts of rubber” of low molecular weight plasticizer, preferably of a low molecular weight ester or ether ester plasticizer, which is compatible with both the said olefinic rubber and said polyolefin,
- (c) adding to the blend of step-b one or more of additives, such as hereinbefore described, and
- (d) crosslinking said olefinic rubber in the resulting mixture from step-c.

(Complete Specification 26 Pages Drawing -- Sheets)

Indian Classification	:	32F ₂ b, 55E ₂ & E ₄ .	187298
International Classification ⁴	:	A 61 K 31/00	
Title	:	"A PROCESS FOR THE PREPARATION OF PIPERAZINE DERIVATIVES".	
Applicant	:	SAMJIN PHARMACEUTICAL CO. LTD., a Korean national, of 388-8 Seokyo-dong, Mapo-ku, Seoul, 121-210, Republic of Korea.	
Inventors	:	EUI-HWAN CHO-KOREA SUN-GAN CHUNG-KOREA SUN-HWAN LEE-KOREA HO-SEOK KWON-KOREA JAE-EUNG LEE-KOREA DONG-WOOK KANG-KOREA JEONG-HO JOO-KOREA YOUNG HEE LEE-KOREA.	

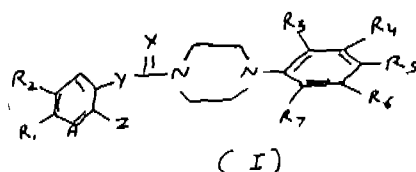
Application for Patent Number 2140/del/97 filed on 31.7.97.

Convention date :- 18.09.96; 03.06.97; 04.06.97; 96.40596; 97.22984, 97.22985; 97.23192, 97.23193; KOREA.

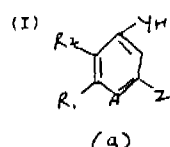
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005.

(3- Claims)

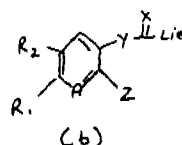
A process for the preparation of piperazine derivative of general formula (I)



or a pharmaceutically acceptable acid addition salt thereof comprising reacting a compound of the general formula (a)



with a $-C(=X)-$ group-providing agent in the presence of organic solvent as herein described to obtain a compound of the general formula (b)



and reacting the compound of the general formula (b) with a compound of the general formula (c) to obtain the general formula (I) and reacting said compound of general formula (I) is to acids as herein defined to form acid addition salt; wherein R_1 and R_2 are independently hydrogen, substituted or unsubstituted C_1 - C_8 alkyl, substituted or unsubstituted C_3 - C_6 cycloalkyl, substituted or unsubstituted C_2 - C_8 unsaturated alkyl, ketone, substituted or unsubstituted aryl, substituted or unsubstituted C_1 - C_4 alkoxy, substituted or unsubstituted arylhydroxy, substituted or unsubstituted amino, C_1 - C_4 lower ester, C_1 - C_4 lower thioester, thiol, substituted or unsubstituted carboxyl, epoxy, substituted or unsubstituted C_1 - C_4 lower thioalkoxy; or R_1 and R_2 are fused to form C_3 - C_4 saturated or unsaturated chain; R_3, R_4, R_5, R_6 and R_7 are independently hydrogen, halogen, hydroxy, nitro, C_1 - C_4 lower ester, C_1 - C_4 lower alkyl, C_1 - C_4 lower thioalkyl, substituted or unsubstituted C_3 - C_6 cycloalkyl, C_1 - C_4 lower alkoxy, C_1 - C_4 lower thioalkoxy, substituted or unsubstituted aryl, substituted or unsubstituted lower arylalkoxy, substituted or unsubstituted lower alkylamino, or lower alkyl substituted or unsubstituted carbamate; or among R_3, R_4, R_5, R_6 and R_7 , two adjacent groups are bonded with each other to form 1,2-phenylene or 2,3-naphthylene; X is oxygen sulfur, or substituted or unsubstituted imino; Y is bonded wherein at the 3-position or 4-position of the aromatic ring part wherein Y is oxygen or $-NR_8$ -(wherein, R_8 is the same with the above-mentioned R_3); Z is hydroxy, C_1 - C_4 lower alkoxy, C_1 - C_4 lower thioalkoxy, substituted or unsubstituted aryloxy, C_1 - C_4 lower alkylamino, substituted or unsubstituted cycloamino containing 1-5 nitrogen atoms; A is nitrogen or $-CH=$; and Lie is leaving group such as halogen atom, sulphonyl and the like.

(Complete Specification 123 Pages Drawing -- Sheets)

Indian Classification	:	185 C & E.	187299
International Classification ⁴	:	B 01D-039/04 + 210/490.	
Title	:	“AN IMPROVED PROCESS FOR THE MANUFACTURE OF TEA”.	
Applicant	:	COUNCIL FO SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi –110 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	RAVINDRANATH SRIGIRIPURAM DESIKACHAR HARSH PRATAP SINGH-ALL INDIAN.	

Application for Patent Number 2785/DEL/97 filed on 30.09.97.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008.

(05- Claims)

An improved process for the manufacture of tea which comprises:

- a) plucking tea shoots by conventional or mechanical methods,
- b) spreading the said plucked shoots on any hard biocompatible surface, to make upto 9 cm thick layer,
- c) pre-treating the above said layer at a pressure of 50-100 gm/m², at minimum interval of one second for a period 4-6 hours,
- d) spreading the said layer and circulating the ambient air till 30-55% weight is lost to obtain withered material,
- e) rolling the withered material, fermenting and drying by any conventional method to obtain tea.

(Complete Specification 11 Pages Drawing -- Sheets)

Indian Classification	:	55 E ₄	187300
International Classification ⁴	:	A 61 K 31/00,	
Title	:	"AN IMPROVED PROCESS FOR THE PRODUCTION OF GLUTARYL-7-AMINO CEPHALOSPORANIC ACID."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860) and HINDUSTAN ANTIBIOTICS LIMITED, Pimpri, Pune 411 018, Maharashtra, India, an Indian Company owned by the Indian Government having Registered Office at Pimpri, Pune-411 018, Maharashtra, India.	
Inventors	:	JAI PRAKASH GANPATRAO SHEWALE, SALIM KASAM MUJAWAR, ARIKA KOTHA, CHELANATTU KHIZHAKKE MADATH RAMAN RAJAN, SURENDRA PONRATHNAM- ALL INDIAN.	

Application for Patent Number 2945/DEL/97 filed on 14.10.1997.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005.

(04 Claims)

An improved process for the production of glutaryl-7-Amino cephalosporanic acid, which comprises suspending D-Amino acid oxidase immobilized on crosslinked glycidyl methacrylate-divinyl benzene copolymers in phosphate buffer, adding to this suspension the solution of cephalosporin C, agitating the resultant reaction mixture at rpm between 150 to 250, maintaining a temperature in the range of 20 to 24°C, aerating the reaction mixture, maintaining the pH between 7.6 to 7.8 by conventional method followed by separation of the immobilized D-Amino acid oxidase and recovering the glutaryl-7-amino cephalosporanic acid by conventional methods.

(Complete Specification Pages 22 Drawing -- Sheet)

Indian Classification	:	145 E	187301
International Classification ⁴	:	B29c 67/20; A47K 7/02; A47L – 13/07, 13/16, 17/08.	
Title	:	“AN IMPROVED PROCESS FOR PRODUCING SYNTHETIC CELLULOSE SPONGE”.	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg New Delhi 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.	
Inventors	:	KULDEEP KUMAR KAUL-INDIA.	

Application for Patent Number 1196/DEL/93 filed on 28.10.93

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
Branch, New Delhi – 110 005

(11- Claims)

1. An improved process for producing synthetic cellulose sponge which comprises:
 - a) derivatising the cellulose in a conventional way to Xanthate (Viscose), followed by adding gas forming substances such as herein described in an amount 0.1 to 10 parts per 100 parts of viscose.
 - b) heating the resultant of step(a) with a meltable inorganic salt crystals having high water of crystallization, at a temperature 20-60°C above their melting point,
 - c) cooling the resultant molten mass to a temperature in the range of 0-35°C,
 - d) spraying water over anhydrous sodium sulphate in an amount equivalent of 3-30 moles/mol of salt and allowing it to set,
 - e) reducing the sizes of the resulting hardened material to a size of –2 mesh to +10 mesh,
 - f) incorporating 100 to 1500 parts of resultant obtained in step (e) to 100 parts of the derivatised cellulose as obtained in (a)above,
 - g) adding to the said mixture obtained in step (f) 1 to 20 parts of vegetable or synthetic fibres and selected alkali resistant colouring pigments,
 - h) kneading the resultant viscose mixture thoroughly and moulding it into a desired shape,
 - i) heating the shaped material to a temperature in the range of 40°C to 120°C to regenerate the cellulose,
 - j) washing by known methods to remove the dissolved salts to obtain synthetic cellulose sponge.

(Complete Specification 23 Pages Drawing -- Sheets)

Indian Classification	:	80A	187302
International Classification ⁴	:	B01D 29/32, 39/20	
Title	:	"INORGANIC FILTRATION UNIT COMPRISING AT LEAST ONE INTEGRATED NETWORK FOR CIRCULATION OF A LIQUID MEDIUM TO BE TREATED AND/OR OF THE RECOVERED FILTERATE".	
Applicant	:	T.A.M.I. INDUSTRIES, a French company, of Z.A. Les Laurons, 26110 Nyons, France.	
Inventors	:	PHILIPPE LESCOCHE-FRANCE.	

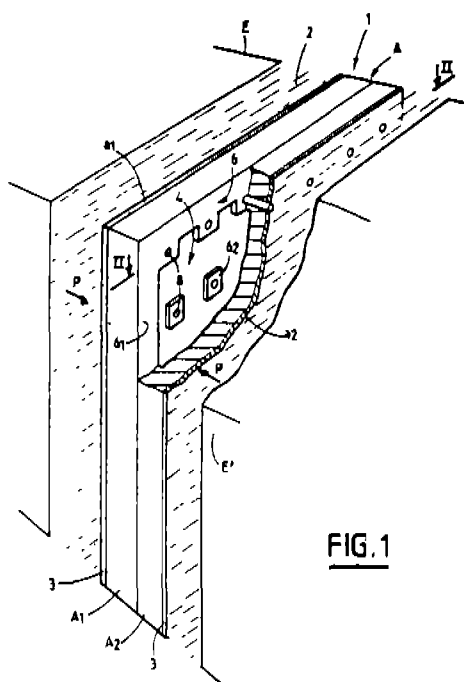
Application for Patent Number 1425/DEL/93 filed on 17.12.93

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005

(09- Claims)

Inorganic filtration membrane for recovering a filtrate said membrane comprising at least one inorganic, rigid, porous structure having first and second principal faces provided opposite each other, at least one cavity being provided in said porous structure at a distance from said two faces defining bearings, said cavity or said principal faces being coated with at least one separating layer;

characterized in that said porous structure comprises at least one channel with tight walls opening out on said two faces and provided to traverse said bearing for constituting a first circular network tight with respect to said cavity.



Indian Classification	:	129 G	187303
International Classification	:	C 21D 8/00	
Title	:	"A DEVICE USEFUL FOR CREEP RUPTURE TESTING".	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110001, India, an Indian registered body incorporated under the Registration of Societies Act.	
Inventors	:	GURDEV JAURA – INDIA.	

..Application for Patent Number 1468/DEL/93 filed on 28.12.93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(2 Claims)

A device useful for creep rupture testing which comprises a thin walled cylindrical tube made of specimen (4), both ends of the said cylindrical tube (4) being provided with removably fixed snug plugs (3), the said cylindrical tube (4) being removably fixed to upper and lower holder (s) (1) and to a strain gauge (7) by means of wedge(s) (2), the said holders having means such as threads to fix the device to a standard creep testing machine.

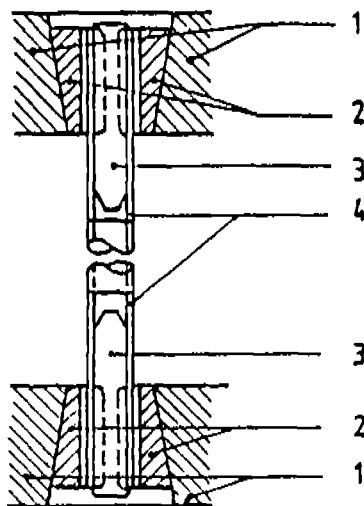


Fig 1

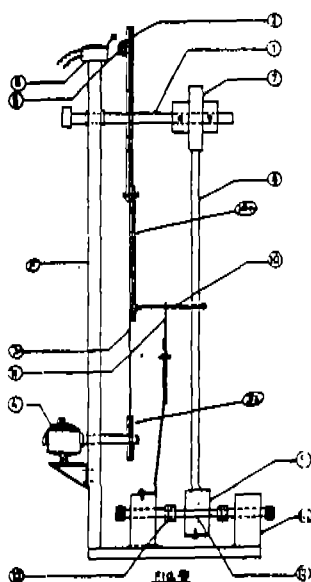
Indian Classification	:	27 I	187304
International Classification ⁴	:	G 01 N 3/00	
Title	:	"AN EQUIPMENT USEFUL FOR REPEATED IMPACT FATIGUE TESTING"	
Applicant	:	Council of Scientific and Industrial Research, Rafi Marg, New Delhi -110001, India, an Indian Registered body incorporated under the Registra- tion of Societies Act (Act XXI of 1860).	
Inventors	:	SOUMEN MAITY-INDIA ASHIM KUMAR CHAKRABORTY-INDIA KALYAN KUMAR PHANI-INDIA BIJIT KUMAR SARKAR-INDIA	

Application for Patent Number 165/Del/94 filed on 14.2.1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
Branch, New Delhi - 110 008

(02 Claims)

A equipment useful for repeated impact fatigue testing which comprises vertical stand (F), a horizontal shaft (1) being rotated by fixed at one end rear the top end of the said stand, a circular disc (2) being fixed on the said shaft (1), the said circular disc (2) being connected by chain & pulley (3a, 3 b) to a prime mover (4), a trigger (5) being attached to the periphery of the said circular disc (2) in such a manner so as to activate a microswitch (6) fixed on the frame (F), the said microswitch (6) being connected to a counter which registers the number of revolutions of the said circular disc (2), a pendulum type hammer (8&9) being provided at the other end of the said shaft (1), the said shaft being movably fixed by bearings (7), a spring loaded pick up arm (10) being movably fixed by means (10a) to the periphery of the said circular disc (2) and to a cam (11) the outer end of the said pick up arm being placed in such a manner so as to provide a swinging motion to the shaft (8) of hammer (9), test specimen (12) being placed in line of motion of hammer (9) and held horizontally by cup shaped grip and platform (13,14) at the base of the said stand (F), a damping mechanism (15,16,17) being provided for preventing repetitive blows of the said hammer (9) after a single impact.



(Complete Specification 13 Pages Drawing Sheet - 3 Sheets)

Indian Classification	:	55E ₄	187305
International Classification ⁴	:	A61 K 31/00	
Title	:	“A PROCESS FOR THE PREPARATION OF A STABLE ORAL PHARMACEUTICAL COMPOSITION CONTAINING A SUBSTITUTED PYRIDYLSULFINYL BENZIMIDAZOLE”.	
Applicant	:	RANBAXY LABORATORIES LIMITED, a company incorporated under the companies act, 1956 of 19, Nehru Place, New Delhi-110 019.	
Inventors	:	DILIPKUMAR THACHARODI-INDIA. ASHOK RAMPAL-INDIA.	

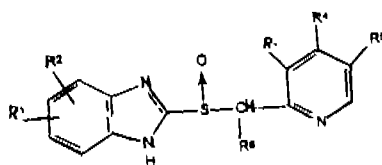
Application for Patent Number 3801/DEL/97 filed on 29.12.97

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)
Patent Office Branch, New Delhi – 110 005.

(10- Claims)

A Process for the preparation of a stable oral pharmaceutical composition comprising:

- (a) A substituted pyridylsulfinyl benzimidazole of the formula shown in figure 1



of the accompanying drawings wherein R₁ and R₂ are the same or different and are selected from the group consisting of hydrogen, lower alkyl, halogen, carbomethoxy, carbethoxy, lower alkoxy, and lower alkanoyl in any position R₆ is selected from the group consisting of hydrogen, methyl and ethyl, R₃ and R₅ are the same or different and are each selected from the group consisting of hydrogen, methyl, methoxy, ethoxy, methoxyethoxy, and ethoxyethoxy; and R₄ is methoxy, ethoxy, methoxyethoxy and ethoxyethoxy, whereby R₃, R₄ and R₅ are not all hydrogen.

- (b) a carrier comprising of one or more of pharmaceutically acceptable polymer(s) that is/are obtained by polymerisation of monomers at least one of which is vinylpyrrolidone, wherein the carrier is present in an amount from 10% to 98% by weight of the total weight of the composition and optionally containing conventional pharmaceutical excipient(s).

(Complete Specification 16 Pages Drawing 01 Sheets)

Indian Classification	:	55E4,60X2b.	187306
International Classification ⁴	:	A61K 31/00, A61K 9/00.	
Title	:	“PROCESS FOR THE PREPARATION OF PARENTERAL WATER MISCIBLE INJECTABLE COMPOSITION OF NON-STEROIDAL ANTI-INFLAMMATORY DRUGS”.	
Applicant	:	PANACEA BIOTEC LIMITED, of 102, Ashok plaza, 24, School lane, New Delhi-110 001, A company registered under the Companies Act, 1956.	
Inventors	:	AMARJIT SINGH-INDIA, RAJESH JAIN-INDIA.	

Application for Patent Number 0056/DEL/98 filed on 12.01.98

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005

(10- Claims)

A process for the preparation of parenteral water-miscible injectable pharmaceutical composition comprising:

- (i) 0.1 to 10.0% w/v of at least one Non-steroidal anti-inflammatory drug (NSAID) belonging to cyclo-oxygenase-2 inhibitory category
- (ii) 2.0 to 95.0 % w/v Alkyl amides/Alkyl sulphoxide and /or pyrrolidones, as herein described
- (iii) 0.1 to 95.0 % w/v of Glycol (s)
- (iv) 0 to 20% of water.

The process comprises the following steps:

- a. Dissolving the NSAID in alkyl amides/Alkyl sulphoxide and/or pyrrolidones and adding thereto Benzyl alcohol while stirring.
- b. Adding to the resultant solution Glycol(s) and mixing.
- c. Adding to the solution Hydrochloric acid solution slowly and adding thereto a further quantity of Glycol(s) to make volume up to 85% of the batch.
- d. Adding to the resultant solution sodium hydroxide/hydrochloric acid to adjust pH and adding further quantity of Glycol(s) to make volume upto 100% of the batch.
- e. Filtering the solution and filling the filtered solution in containers and subjecting the filled containers to terminal sterilization by conventional manner.

(Complete Specification 15 Pages Drawing -- Sheets)

Indian Classification	:	55E ₄	187307
International Classification ⁴	:	A61K 31/00	
Title	:	“PROCESS FOR THE PREPARATION OF CEPHALEXIN HYDROCHLORIDE MONOHYDRATE IN AN AMORPHOUS FORM”.	
Applicant	:	RANBAXY LABORATORIES LIMITED ,a company incorporated under the Companies Act,1956 of 19, Nehru Place New Delhi-19, India.	
Inventors	:	YATENDRA KUMAR,-INDIA. SATYANANDA MISRA-INDIA. JAG MOHAN KHANNA-INDIA.	

Application for Patent Number 0060/DEL/98 filed on 12.1.98.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
Branch, New Delhi – 110 005.

(07- Claims)

A process for the preparation of Cephalexin hydrochloride monohydrate in an amorphous form which comprises dissolving cephalixin monohydrate in water, adding aqueous hydrochloric acid and recovering Cephalexin hydrochloride monohydrate from the said solution by a spray drying or freezing drying technique.

(Complete Specification 09 Pages Drawing 06 Sheets)

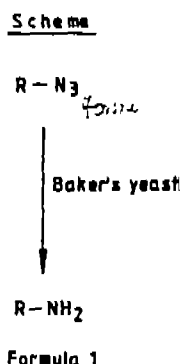
Indian Classification	:	55 E	187308
International Classification ⁴	:	C07C, 85/00	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF AMINES FROM AZIDES."	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860) .	
Inventors	:	AHMED KAMAL - INDIA Y. ALAMATI DAMAYANTHI - INDIA BURELA LAXMINARAYANA - INDIA BOLLU SATYANARAYAN REDDY - INDIA	

Application for Patent Number 108/Del/98 filed on 16th Jan. 1998.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 005.

(5 Claims)

An improved process for the preparation of amines of formula 1,



wherein R represents unsubstituted or substituted alkyl or aryl groups, from azides compound which comprises :

- i} reacting an azide of general formula RN_3 where R has the same meaning as given above with a biocatalyst such as bakers yeast at temperature in the range of $25 - 40^\circ \text{C}$,
- ii} extracting the reaction mixture with aprotic solvents or water immisible solvents,
- iii} separating the organic and aqueous phases,
- iv} drying the organic phase, purifying the residue by conventional methods such as conventional chromatography to obtain the desired amine.

(Complete Specification 7 Pages Drawing 1 Sheets)

Indian Classification	:	55E4	187309
International Classification ⁴	:	A 61K 31/00	
Title	:	“A PROCESS FOR THE PREPARATION OF A NOVEL PROTEIN HAVING ANTICOAGULANT AND THROMBOLYTIC PROPERTY”.	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg New Delhi 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.	
Inventors	:	DIBAKAR CHAKRABARTY-INDIA. DEBASISH BHATTACHARYYA-INDIA.	

Application for Patent Number 499/DEL/98 filed on 26.2.98

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005

(03- Claims)

A process for the preparation of a novel protein having anticoagulant and thrombolytic property characterized by 73 kilo Dalton molecular weight which comprises fractionating venom of snake preferably Russell,s viper snake by known ion exchange and high performance liquid chromatography methods to obtain a purified protein, heating the purified protein so obtained to a temperature in the range of 50 to 100 degree C, followed by cooling to obtain the novel anticoagulant and thrombolytic protein.

:

(Complete Specification 19 Pages Drawing -- Sheets)

Indian Classification	:	55 E	187310
4			
International Classification	:	A 61K 31/00	
Title	:	“ PROCESS FOR THE PREPARATION OF AN ANTI-SPASMODIC COMPOSITION TO BE USED AS INJECTION ”	
Applicant	:	PANACEA BIOTEC LIMITED, of B-1 Ext. / A-27, Mohan Co-operative Industrial Estate, Nathura Road, New Delhi – 110044, A Company incorporated under the Companies Act, 1956.	
Inventors	:	AMARJIT SINGH –India.	

Application for Patent Number 289/DEL/2000 filed on 22.3.2000.

Divisional out of Patent Application No.792/Del/96 filed on 12.4.96.
Ante dated to 12.4.96.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(9 Claims)

A process for the preparation of a synergistic anti-spasmodic composition to be used as injection which comprises distilling Benzyl alcohol as pain reducer and dissolving it in a solvent propylene glycol, separately dissolving Diclofenac or its salts, in water, mixing the said pain reducer solution with the Diclofenac or its salts solution to form a dissolved mixture, mixing pitofenone hydrochloride with said dissolved mixture and adding thereto Fempiverinium bromide to form the desired injectable composition wherein Diclofenac or its salts, pitofenone hydrochloride and Fempiverinium bromide are present in the following proportions :

Diclofenac or its salts	.. from 1.0 to 10 % w/v.
Pitofenone hydrochloride	.. from 0.05 to 2.0 % w/v.
Fempiverinium bromide	.. from 0.001 to 0.2 % w/v.

(Complete Specification 18 Pages

Drawing - NIL - Sheet)

Ind. Cl. : 55 E₄

187311

Int. Cl.⁸ : C 07 D 215/00.

A PROCESS FOR THE PREPARATION OF 7[1-(ALKOXY-CARBONYL) PROPYL] 5b, 6, 7, 8, 9, 11-HEXAHYDRO-8-(ALKOXYCARBOCYL) INDOLIZINO (1, 2-b) QUINOLINE-9-ONE

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT, INDIA

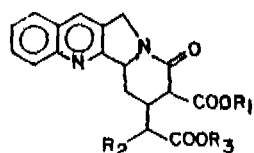
Inventor(s) SUBHASH PRATAPRAO CHAVAN-INDIA, MEENAKSHISUNDARAM VENKATARAMAN-INDIA.

Application for Patent No. 2977/Del/96 filed on 30.12.96.

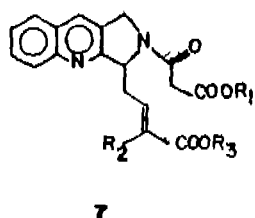
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A process for the preparation of 7[1-alkoxy carbocyl) propyl] 5b, 6, 7, 8, 9, 11-hexahydro-8-(Alkoxy carbocyl) indolizino (1, 2b) quinoline-9-one of general formula 8



wherein $R_1 = R_2$ = alkyl group and $R_3 = H$ or alkyl group, which comprises of mixing compound of formula 7



wherein $R_1 = R_2$ = alkyl group & $R_3 = H$ or alkyl, a conventional base in the presence of a conventional solvent at a temperature in the range -78°C to ambient temperature for 30 to 60 minutes, quenching the resultant mixture with ammonium chloride, extracting the product by an organic solvent, and purifying by column chromatography using conventional methods.

(Complete Specification : 8 Pages. Drawing Sheet : 1)

Ind. Cl. : 55 E

187312

Int. Cl.⁸ : A61K 31/21.

A PROCESS FOR THE PREPARATION OF ALKYL-2-CARBALKOXYACETYL-1, 3-DIHYDRO-2H-PYRROLO-

[3, 4B]-QUINOLINE-3-[(2-ALKYL)-2-BUTENOATE],

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT, INDIA.

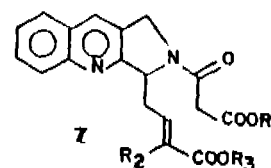
Inventor(s) : SUBHASH PRATAPRAO CHAVAN-INDIA, MEENAKSHISUNDARAM VENKATARAMAN-INDIA.

Application for Patent No. 2978/Del/96 filed on 30.12.96.

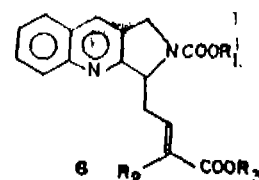
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

6 Claims

A process for the preparation of alkyl-2-carbal-koxyacetyl 1, 3-dihydro-2H-pyrrolo [3, 4-b] quinoline-3- [(2-alkyl-2-butenate] of general formula 7



Wherein $R_1 = R_2$ = alkyl group and R_3 is H or alkyl group, which comprises of reacting alkyl-2-(alkoxy carbonyl)-1, 3 dihydro-2H-pyrrolo (3, 4-b) quinoline-3-[(2-alkyl)-2-butenate] of general formula 6



Wherein $R_1 = R_2$ = alkyl, benzyl group and $R_3 = H$ or alkyl group with a deprotecting agent in presence of an organic solvent at an ambient temperature for 30 to 60 minutes, concentrating and mixing with an acid chloride in the presence of a conventional base for 60 to 180 minutes, quenching with water, extracting with a solvent and purifying by conventional column chromatography to obtain the alkyl-2-carbalkoxyacetyl 1, 3-dihydro-2H-pyrrolo [3, 4-b] quinoline-3-[(2-alkyl)-2-butenate].

(Compl. Specn. : 8 Pages.

Drng. Sheet : 1)

Ind. Cl. : 55 E₄ & 170 A.

187313

Int. Cl. : A6 1K 31/00 & C11D 1/00.

AN ENZYMATIC PROCESS FOR THE PREPARATION OF FATTY ACID HYDROXY ACID ESTER.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-

110001, INDIA. (AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, ACT XXI OF 1860)

Inventor(s) : KONDABAGILU RAJANNA KIRAN, NAYAKANAKATTE GANESH KARANIH. SOUNDAK DIVAKAR—ALL INDIAN

Application for Patent No. 1978/Del/98 filed on 10.07.98.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110008.

8 Claims

An enzymatic process for the preparation of fatty acid hydroxy acid ester such as palmitoyl lactic acid which comprises reacting respective long chain fatty acid and hydroxy acid in equimolar amounts in presence of lipase in the range of 10-166 g/Lmole¹ and solvents such as ethylmethyl ketone, methylisobutyl ketone under agitation and recovering the corresponding ester by conventional methods such as herein described.

(Compl. Specn. : 15 Pages Drng. Sheet : Nil)

Ind. Cl. : 34a. 187314

Int. Cl.⁴ : A 61 K—9/38.

A METHOD OF PREPARING A PLASMA-PROTEIN-CONTAINING MEDICAMENT.

Applicant : IMMUNO AKTIENGESSELLSCHAFT, AN AUSTRIAN COMPANY OF INDUSTRIESTRASSE 67, A-1221 VIENNA, AUSTRIA.

Inventor(s) : WOLFGANG TESCHNER—GERMAN, YENDRA LINNAU—AUSTRIAN, SONJA HERBSTHOFFER—AUSTRIAN & HERWIG IGEL—AUSTRIAN.

Application for Patent No. 2622/Del/97 filed on 15.09.97.

Convention date : 16.9.96; A-1633/96; AUSTRIA.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

11 Claims

A method of preparing a plasma-protein-containing medicament from citrated plasma or from a citrate-containing plasma fraction, which medicament is substantially free from undesired metals and also does not take up any metals when stored in metal-containing containers, said method comprising the following steps :

exchanging in a manner such as herein described the citrate and optionally citrate-bound metals in a plasma-protein-containing solution for a water-

soluble mono-or dicarboxylate or for an organic mono-or dicarboxylic acid under non-precipitating conditions,

— recovering from solution by any known manner the plasma protein or the plasma proteins, and

— preparing from so obtained plasma protein(s) the medicament preferably by adding thereto citrate-free components to obtain the medicament.

(Compl. Specn. : 16 Pages. Drng. Sheet : Nil)

Ind. Cl. : 32 E, 55 F. 187315

Int. Cl.⁴ : C08F 220/00, C12N 11/00

AN IMPROVED PROCESS FOR THE PREPARATION OF NOVEL CROSSLINKED MACROPOROUS GLYCIDYL METHACRYLATE-PENTAERYTHRITOL TRIACRYLATE COPOLYMERS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, (AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, (ACT XXI OF 1860). AND HINDUSTAN ANTIBIOTICS LIMITED, PIMPRI, PUNE- 411018, MAHARASHTRA, INDIA, AN INDIAN COMPANY OWNED BY THE INDIAN GOVERNMENT HAVING REGISTERED OFFICE AT PIMPRI, PUNE-411018, MAHARASHTRA, INDIA.

Inventor(s) : JAI PRAKASH GANPATRAO SHEWALE, PRAKASH SHANKAR CHANNE, VARSHA BHIKOB GHADGE, CHELANATTU KHIZAKKE MADATH RAMAN RAJAN, SURENDRA PONRATHNAM—ALL INDIAN.

Application for Patent No. 2937/Del/97 filed on 14.10.97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

07 Claims

An improved process for the preparation of novel crosslinked macroporous glycidyl methacrylate-pentaerythritol triacrylate copolymers useful for the immobilization of milk clotting protease, which comprises of polymerizing glycidyl methacrylate and pentaerythritol triacrylate in an inert atmosphere, in the presence of a conventional protective colloid, a porogen, and a polymerization initiator, in an aqueous media, heating the polymerization reaction mixture at a temperature in the range of 70°C to 80°C for a period ranging from 2 to 4 hours, isolating the product by conventional methods such as herein described washing the resulting copolymer with water followed by a protic solvent followed by drying the said crosslinked macroporous glycidyl methacrylate-pentaerythritol triacrylate copolymers at a temperature below 50°C.

(Compl. Specn. : 14 Pages. Drng. Sheet : Nil)

Ind Cl 83 A,

187316

Convention Date 14 06 1996, 9612514 1, U K

Int Cl⁴ A 01 J 25/00 27/00

Divided out of Patent application Number 1548/Del/97 filed on 10 06 97.

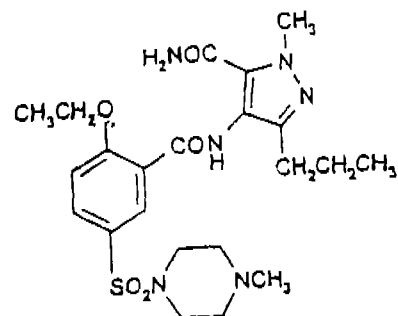
AN IMPROVED PROCESS FOR THE PRODUCTION OF IMMOBILIZED MILK CLOTTING PROTEASE

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA (AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, ACT XXI OF 1860) AND HINDUSTAN ANTIBIOTICS LIMITED, PIMPRI, PUNE-411018 MAHARASHTRA, INDIA, AN INDIAN COMPANY OWNED BY THE INDIAN GOVERNMENT HAVING REGISTERED OFFICE AT PIMPRI, PUNE-411018, MAHARASHTRA, INDIA

03 Claims

A process for preparation of 4-[2-Ethoxy-5-(4-methylpiperazin-1-ylsulphonyl) benzamidol]-1-methyl-3-n-propylpyrazole 5-carboxamide of formula (II)



Inventor(s) JAI PRAKASH GANPATRAO SHEWALE, PRAKASH SHANKAR CHANNE, VARSHA BHIKOBACHADGE CHELANATTU KHIZHAKKE MADATH RAMAN RAJAN, SURENDRA PONRATHNAM—ALL INDIAN

Application for Patent No. 2936/Del/97 filed on 14 10 97

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

04 Claims

An improved process for the production of immobilized milk clotting protease useful for the preparation of cheese which comprises suspending crosslinked macroporous glycidyl methacrylate-pentaerythritol triacrylate copolymers, in acetate buffer, adding the milk clotting protease solution obtained in a manner as herein described, agitating the immobilization reaction mixture in the range of 90 to 150 rpm, maintaining a temperature in the range of 25 to 28°C for a period ranging from 16 to 20 hours, isolating the immobilized milk clotting protease by filtration

Wherein said process comprises reacting N, N'-carbonyldimidazole and 2-Ethoxy-5-(4-methylpiperazin-1-ylsulphonyl) benzoic acid in a solvent, preferably an ester, followed by heating the resulting mixture at about 55°C for about 0.5 hr, followed by refluxation for an additional duration of about 2 hours followed by cooling, preferably to room temperature in step-1, and reacting the resulting reaction mixture from step-1 with 4-Amino-1-methyl-3-n-propylpyrazole-5-carboxamide, preferably in additional amount of said solvent in step-2, and stirring the resulting reaction mixture from said step-2 preferably at room temperature for about 72 hours or till a solid compound of formula II is obtained and said compound of formula (II) is isolated and purified as described hereinbefore, wherein N,N'-Carbonyldimidazole is taken in an amount of about 1.30 mol and 2-Ethoxy-5-(4-methylpiperazin-1-ylsulphonyl) benzoic acid is taken in an amount of about 1.30 mol in said step-1, and 4-Amino-1-methyl-3-n-propylpyrazole-5-carboxamide is taken in an amount of about 1.12 mol

(Compl Specn 16 Pages Ding Sheet Nil)

(Compl Specn 30 Pages

Drng Sheet Nil)

Ind Cl 55 L,

187317

Ind Cl 55 E,

187318

Int Cl⁴ A 61 K 31/00Int Cl⁴ A 61 K 31/00

A PROCESS FOR PREPARATION OF 4-[2-ETHOXY-5-(4-METHYLPIPERAZIN-1-YLSULPHONYL) BENZAMIDOL]-1-METHYL-3-N-PROPYLPYRAZOLE-5-CARBOXAMIDE-[AN INTERMEDIATE TO SILDENAFIL]

A PROCESS FOR PREPARATION OF 5-[2-ETHOXY-5-(4-METHYLPIPERAZIN-1-YLSULPHONYL) PHENYL]-1-METHYL-3-N-PROPYL-1,6-DIHYDRO-7H-PYRAZOLO[4,3-D]-PYRIMIDIN-7-ONE[SILDENAFIL]

Applicant PFIZER RESEARCH AND DEVELOPMENT COMPANY, N V/S A, A CORPORATION ORGANIZED UNDER THE LAWS OF BELGIUM, OF LA TOUCHE HOUSE, INTERNATIONAL FINANCIAL SERVICES CENTRE, DUBLIN 1, IRELAND

Applicant PFIZER RESEARCH AND DEVELOPMENT COMPANY, N V/S A, A CORPORATION ORGANIZED UNDER THE LAWS OF BELGIUM, OF LA TOUCHE HOUSE, INTERNATIONAL FINANCIAL SERVICES CENTRE, DUBLIN 1, IRELAND

Inventor(s) PETER JAMES DUNN—U K & ALBERT SHAW WOOD—U K

Application for Patent No. 517/Del/2001 filed on 24 04 2001

Inventor(s) PETER JAMES DUNN—U K & ALBERT SHAW WOOD—U K

Application for Patent No 518/Del/2001 filed on 24 04 2001

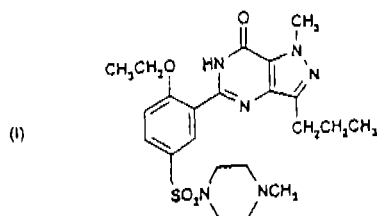
Convention Date 14 06 1996 9612514 1, U K

Divided out of Patent application Number 1548/Del/97 filed on 10 06 97

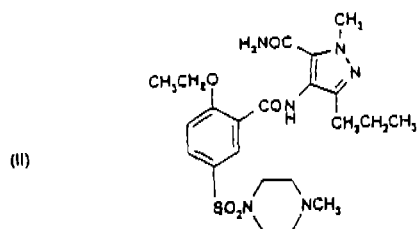
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

04 Claims

A process for preparation of 5-[2-Ethoxy-5-(4-methylpiperazin-1-ylsulphonyl) phenyl]-1-methyl-3-n-propyl-1, 6-dihydro-7H-pyrazolo[4,3 d]pyrimidin-7-one of formula (I)



Wherein said process comprises cyclisation of "4-[2-ethoxy-5(4-methylpiperazin-1-ylsulphonyl) benzamidol]-1-methyl-3-n-propylpyrazole-5-carboxamide" of formula (II)



Wherein said cyclisation is carried out by heating a compound of formula II at a temperature between 180 to 220°C for from 0.5 to 72 hours, under neutral conditions, preferably in the presence of a solvent optionally selected from the group consisting of 1,2-dichlorobenzene, dimethyl sulphoxide, sulfolane, N-methylpyrrolidin-2-one and pyrrolidin-2-one, and mixtures thereof and/or in the presence of dehydrating agent optionally selected from the group consisting of anhydrous potassium carbonate, anhydrous sodium carbonate, anhydrous magnesium sulphate, anhydrous sodium sulphate, phosphorus pentoxide and molecular sieves, wherein said compound of formula (I) is isolated and purified as described hereinbefore

(Compl Specn 30 Pages Ding Sheet Nil)

Ind Cl 55 E₄ 187319

Int Cl⁴ A 61 K 31/00

A PROCESS FOR PREPARATION OF 5-[2-ETHOXY-5-(4-METHYLPIPERAZIN-1-YLSULPHONYL) PHENYL]-1-METHYL-3-N-PROPYL-1, 6-DIHYDRO-7H-PYRAZOLO[4,3-D] PYRIMIDIN-7-ONE[SILDENAFIL]

9-507 GI/2001

Applicant PFIZER RESEARCH AND DEVELOPMENT COMPANY, N V/S A, A CORPORATION ORGANIZED UNDER THE LAWS OF BELGIUM, OF 1 A FOUCHE HOUSE, INTERNATIONAL FINANCIAL SERVICES CENTRE, DUBLIN 1, IRELAND

Inventor(s) PETER JAMES DUNN—U K & ALBERT SHAW WOOD—U K

Application for Patent No 519/Del/2001 filed on 24 04 2001

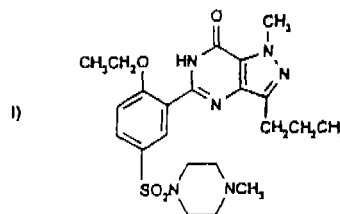
Convention Date 14 06 1996, 9612514 1, U K

Divided out of Patent application Number 1548/Del/97 filed on 10 06 97

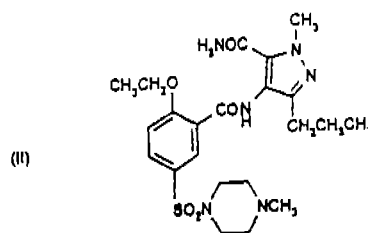
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

03 Claims

A process for preparation of 5-[2-Ethoxy-5-(4-methylpiperazin-1-ylsulphonyl) phenyl]-1-methyl-3-n-propyl-1, 6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one of formula (I)



Wherein said process comprises cyclisation of "4-[2-ethoxy-5(4-methylpiperazin-1-ylsulphonyl) benzamidol]-1-methyl-3-n-propylpyrazole-5-carboxamide" of formula (II)



Wherein said cyclisation is carried out under acidic conditions, preferably in a solvent at a temperature between 65 to 210°C for from 6 to 300 hours, wherein said acidic conditions are achieved optionally by employing an acid selected from the group consisting of protic acids or Lewis acids, wherein said protic acid is selected from the group consisting of an inorganic acid, an organo-sulphonic acid, an organo-sulphonic acid and an organo-carboxylic acid, said Lewis acid is selected from the group consisting of boron trifluoride, boron trichloride, boron tribromide, aluminium chloride, aluminium bromide, silicon tetrachloride, silicon tetrabromide, stannic chloride, stannic bromide, phosphorus pentachloride, phosphorus pentabromide, titanium tetrafluoride, titanium tetrachloride, titanium tetrabromide, ferric chloride, zinc fluoride, zinc chloride, zinc bromide, zinc iodide, mercuric

chloride, bromide, cyanide, and mercuric iodide; and said solvent is selected from the group consisting of a C_1 - C_4 alkane, a C_1 - C_4 decalane, a C_1 - C_4 alkanol acid, a C_1 - C_4 alkanol, a C_1 - C_4 alkanone, a C_1 - C_4 alkyl ether, 1,2-dimethoxyethane, 1,2-diethoxyethane, diglyme, tetrahydrofuran, 1,4-dioxane, benzene, toluene, xylene, chlorobenzene, dichlorobenzene, nitrobenzene, dichloromethane, dibromomethane, 1,2-dichloroethane, carbon tetrachloride, dimethyl sulphoxide, sulfolane, dimethylformamide, dimethylacetamide, N-methylpyrrolidin-2-one, 4-piperidin-2-one, and mixtures thereof, wherein said compound of formula (I) is isolated and purified and so called as such here.

(Comp. Specn. : 30 Pages)

Drng. Sheet : Nil)

Int. Cl. : 5b (2)

187320

Int. Cl. : A 61 K 31/00

A PROCESS FOR PREPARATION OF 2-ETHOXY 5-(4-METHYLPYPERAZIN-1-YL) SULPHONYL) BENZOIC ACID [A PRECURSOR FOR PREPARATION OF AN INTERMEDIATE TO SULDENAFIL]

Applicant: PFIZER RESEARCH AND DEVELOPMENT COMPANY, N.V/S A., A CORPORATION ORGANIZED UNDER THE LAWS OF BELGIUM, OF LA TOUCHE HOUSE, INTERNATIONAL FINANCIAL SERVICES CENTRE, DUBLIN 1, IRELAND

Inventor(s): PETER JAMES DUNN—U.K. & ALBERT SHAW WOOD—U.K.

Application for Patent No. 520/Del/2001 filed on 24.04.2001.

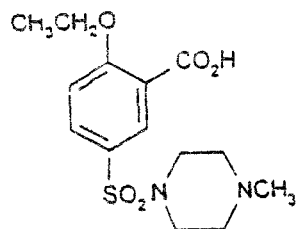
Convention Date : 14.06.1996; 96125141; U.K.

Divided out of Patent application Number 1548/Del/97 filed on 10.06.97

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

06 Claims

A process for preparation of 2-Ethoxy-5-(4-methylpiperazin-1-ylsulphonyl) benzoic acid of formula (V)



Wherein said process comprises reacting 5-chlorosulphonyl-2-ethoxybenzoic acid with amine selected from a group consisting of 1-methylpiperazine, triethylamine and mixtures thereof, in a solvent, preferably in a water or acetone at a temperature of about 10°C, whilst maintaining the temperature of the reaction mixture below about 20°C followed by cooling the resulting solution to about 10°C or till precipitation of a solid compound of formula (V) or

double salt of compound of formula (V) starts, characterized in that the said double salt of compound of formula (V) is stirred in water to result in precipitation of a solid compound of formula (V), and said compound of formula V is isolated and purified as described hereinbefore, wherein 5-chlorosulphonyl-2-ethoxybenzoic acid is taken in an amount from 0.13 to 0.19 mol and said amine or mixture thereof is taken in an amount from 0.2 to 0.42 mol.

(Comp. Specn. : 30 Pages)

Drng. Sheet : Nil)

OPPOSITION PROCEEDINGS

The opposition as entered by M/s. The Procter & Gamble Far East Inc., Japan to the grant of a patent on Application No. 181479 (217/Bom/94) made by M/s. Hindustan Lever Ltd., Mumbai as notified in the Gazette of India, Part III, Section 2 dated 20.6.1998 has been allowed and it is ordered that the application for Patent No. 181479 shall be treated as withdrawn.

An opposition has been entered by Dr. Pralayesh Chatterjee, 100/1, Alipore Road, Calcutta, to grant of a Patent on application No. 186245 (2660/Del/97) dated 19.09.1997 made by Ranbaxy Laboratories Limited, New Delhi.

An opposition has been entered by Dr. Pralayesh Chatterjee, 100/1, Alipore Road, Calcutta, to grant of a Patent on application No. 186250 (2745/Del/98) dated 14.09.1998 made by Ranbaxy Laboratories Limited, New Delhi.

An opposition has been entered by M/s. Sun Pharmaceutical Industries Limited, Mumbai 400059 to the grant of a patent on Patent Application No. 186587 (583/Bom/1999) made by M/s. Cipla Limited., Mumbai-400008.

THE DESIGNS ACT, 2000

SECTION 30

DESIGN ASSIGNMENT

The following Design stand in the name of WOLF DIETRICH RICHTER registered under the Designs Act, 1911 has been assigned in the Register of Design in the name of WALTER MCNAUGHTAN (pty) LIMITED.

Design Nos.	Class	Name
171131	01	Walter McNaughtan (pty) Limited, trading as "McNaughtan" a South African company registration No. 57/03779/07, of 12 Blair Road, Pinetown, 33610, Kwazulu Natal, Republic of South Africa.
171868	03	

The following Design stand in the name of BROOKE BOND LIPTON INDIA LIMITED registered under the designs Act, 1911 has been assigned in the Register of Design in the name of HINDUSTAN LEVER LIMITED.

Design Nos.	Class	Name
171592 TO 171597	05 & 03	HINDUSTAN LEVER LIMITED, an Indian Company having its registered office at Hindustan Lever House, 165/166, Backbay Reclamation, Mumbai-400020, Maharashtra, India.

The following Design stand in the name of Mohar Singh Yadav, Samender Yadav & Jalesh Kumar Yadav registered under the Designs Act, 1911 has been assigned in the Register of Design in the name of Mohar Singh Yadav, Samender Yadav & Kumari Seema Yadav.

Design Nos.	Class	Name
176402 & 181838		Mohar Singh Yadav, Samender Yadav & Kumari Seema Yadav, all Indians and Partners of Lightron Industries, 64, Nalada Vihar, Maharani Farm, P. O. Durgapura, Jaipur-302018 (Rajasthan).

PATENT SEALED ON 22.02.2002

182861 185639*D 185640*D 186175* 186232 186257* 186281* 186282 186285*D 186286*D 186287*D 186291 186292* 186293 186295 186296* 186297*F 186298*D 186299*D 186300*D 186306* 186308 186315*D 186320*F

KOL-02, DEL-15, MUM-07, CHEN-NIL

* Patent shall be deemed to be endorsed with words LICENSE OF RIGHT under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D=Drug Patents

F=Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 17(1) of the Design Act, 2000

The date shown in the each entries in the date or registration included in the entries.

Class 03 No. 184931. The Procter & Gamble Company, of One Procter & Gamble Plaza, Cincinnati, State of Ohio, U.S.A. "CONTAINER". 1 Sept. 2000 (U.K.) Reciprocity.

Class 03 No. 184335, 184336 M/s. Aerolite Industries of 5, Sati Industrial Estate, I.B. Patel Road, Goregaon (East), Mumbai-400063. "BELL". 2nd January 2001.

Class 03 No. 184337, 184338. Manak Chand of 41-A, Virwan Industrial Estate, Goregaon (East), Mumbai-400063, "BALL PEN" 2nd January 2001.

Class 01 No. TTK Prestige Ltd. Brigade Towers, 135 Brigade Road, Bangalore-560025, Karnataka, India. "PRESSURE COOKER HANDLES" 18th January 2001.

Class 01 No. 184600 Walker Exhaust India Pvt Ltd. of Gate No. 1386/97 Post : Sanaswadi Talegaon-Dhamdhere, Taluka : Shirpur, Dist : Pune-412208 (India). "CATALYTIC CONVERTER USED FOR AUTOMOBILE INDUSTRY". 9th Feb. 2001.

Class 04 No. 184666. Cerman Remedies Ltd. of Shivsagar Estate "A" Block, Dr Annie Besant Road, Worli, City of Mumbai-400018. "DISPENSER". 13th Feb. 2001.

Class 02-04 No. 185758, 185759. M/s. Ganesh Plastic Industries, of WZ-27/5, Ichool Bagh, Rohtak Road, Delhi-110035, Indian. "FOOTWEAR". 7th June 2001.

Class 24-01 No. 186018. Space Multiproducts (P) Ltd. of 16, Ganesh Chandra Avenue, Calcutta-700013. "BLOOD PRESSURE CONTROLLER BRACELET". 13th July 2001

Class 02-04 No. 186022. M/s M.R Industries of At-C 5, Site A, UPSIDC, Sikandra, Agra (U.P.) "SOLE OF FOOTWEAR". 13th July 2001.

Class 09-13 No. 186088 & 186091. I.T.C. Ltd. of Virginia House, 37, Chowringhee, Kolkata-700071, W. B. "DISPENSER". 19th July 2001.

Class 02-04 No. 186147. Naresh Kumar Aggarwal, of 95-96 Shahzada Bagh, Extn. Old Rohtak Road, Delhi-110035. "FOOTWEAR" 26th July 2001.

Class 03 No. 184079. GOVIND RUBBER LIMITED, 318 "Creative", 72, N.M. Joshi Marg, Lower Parel, Mumbai :-400011, Maharashtra, India. "CYCLE TYRE", 29 November 2000.

Class 03 No. 184080 RECKITT BENCKISER (INDIA) LIMITED., 41, Chowringhee Road, Calcutta :-700071, W.B., India. "BOTTLE". 29 November 2000.

Class 01	No 184081 INTEL CORPORATION 2200 Mission College Blvd, Santa Clara, CA 95052, U S A, "COMPUTER/TV SET TOP BOX", 29 November 2000				"PIPE COUPLER FOR THE USE OF THE FLOWING FLUID IN THE IRRIGATION SYSTEM", 7 June 2001
Class 03	No 184083 PIAGGIO C S P A, Viale Rinaldo Piaggio, 25 56025 Pontedera (Pisa) Italy 'A TWO WHEELED VEHICLE' 30 November 2000	Class 04-02	No 186251 Mahesh Patel of 107, 108, 1st floor, Mahavir Industrial Estate, Opp Malad Industrial Unit Co-op Soc Ltd Ramchandra Lane Extn Kanchpada, Malad (W), Mumbai-400064 "TOOTHBRUSH" 8th August 2001		
Class 01	No 184087 DR VINOD CHIRANJEEV MALSHI, 1 University Staff Quarters Udct Campus, Matunga, Mumbai 400019, Maharashtra, India 'STOVE', 1 December 2000	Class 19	No 186306 & 186307 Ayushi International, of Malad Ind Estate, C/ 18 E, 1st Floor, Kanchpada, Ramchandra Lane, Malad (West), Mumbai-400064 "PEN" 17th August 2001		
Class 03	No 184088 SUNROSE PLASTICS Building No G 1, Silvassa Vapi Main Road, Survey No 221/1, Village Dadra, Silvassa, Union Territories of Dadra & Nagar Haveli, India "CHAIR FRAME", 1 December 2000	Class 26	No 186308 & 186309 Cielmac Pvt Ltd of 35A, Mahal Industrial Area, Mahakali Caves Road, Andheri (W), Mumbai- 400093 "LIGHTING FIXTURES" 17th August 2001		
Class 03	No 184610 GERMAN REMEDIES LIMITED, Shirsagari Estate, "A" Block, Dr Annie Besant Road, Worli, City of Mumbai 400018, Maharashtra, India 'DISPENSER FOR LIQUID MEDICINES', 12 February 2001	Class 03-01	No 186934 VIP Industries Ltd of 88- c, Old Prabhadevi Road, Mumbai-400025 "SUITCASE", 12th Oct 2001		
Class 03	No 184777 MICRODRUG AG, Switzerland Landweg 1, heigiswil NW, Schweiz "INHALATOR" 23 February 2001	Class 04	No 184612 Golden Peacock overseas Ltd of 3E/2, Jhandewalan Extn New Delhi, India "LAMPHOLDER" 12th Feb 2001		
Class 09-05	No 184907 COI GATE PALMOLIVE COMPANY 300 Park Avenue, New York, New York 10022 U S A 'TUCHFI', 2 March 2001	Class 01	No 184669 M/s Modern Door Devices (P) Ltd of V-17, Green Park Extn New Delhi 110016 "HINGE" 14th Feb 2001		
Class 09-01	No 184997 HEMANT PACHAUREE, 13, Kunwar Colony, Khandari, Agra 282002 U P, India "KOOL KASE", 12 March 2001	Class 03	No 184619 Vinay Assoo Chedda of 83 T Tower Mamlatdar Lane, Malad (W), Mumbai 400064 "SWITCH" 12th Feb 2001		
Class 13-03	No 185106 FEDERAL ELEKTRIK YATIRIM VE TICARET A S Modern Sanayi Sitesi 102, Sok No 1 Anapazari/ Turkey "CONTACTOR", 22 March 2001	Class 01	No 184680 M/s Sidvin Machineries Pvt Ltd of Site No 10, 3rd Stage, Industrial Suburb, Mysore 570008 "FOOD PROCESSING MACHINES" 15th Feb 2001		
Class 07-03	No 185740 KUMAR METAL WORKS, SAHU SHREET, Muradabad-244001 (U P), India "SPOON", 4 June 2001	Class 01	No 184701 Kanin (India) Pvt Ltd of Plot No 79, Sector-25, Faridabad-121004 "THREE HOLE PUNCH" 19th Feb 2001		
Class 09-03	No 185755 M/S SUPARSHVA INDUSTRIES, 25/D Harishchandra, Mathur Nagar, Falna-306116 (Raj) "CONTAINER FOR STORING ADHESIVES", 7 June 2001	Class 01	No 184765 The Jay Engineering Works Ltd of 23, Kasturba Gandhi Road, New Delhi 110001, India "PEDESTAL FAN" 22nd Feb 2001		
Class 23-01	No 185757 EPC INDUSTRIE LIMITED, 201, Delta Hirnanandani gardens, Powai, Mumbai 400076, Maharashtra, India	Class 03	No 184762 Piaggio & C S P A of Vial Rinaldo Piaggio, 25-56025, Ponteder (Pisa), Italy "TWO WHEELER VEHICLE" 22nd Feb 2001		
		Class 03	No 185210 Tipco Industries Ltd c Dharampur Cross Road, National		

	Highway-8, Abrama, Valsad 396001, Gujarat, India "SUPPORT FRAMES USED IN MODULAR CONSTRUCTION UNITS". 30th March 2001.		(Italy). "FRONT LIGHT ASSEMBLY FOR MOTOR VEHICLES". 11th April 2001.
Class 03	No. 185211. Tipco Industries Ltd. of Dharampur Cross Road, National Highway-8, Abrama, Valsad 396001, Gujarat, State, India. "PLANAR PROFILES USED IN CONSTRUCTING MODULAR UNITS". 30th March 2001.	Class 03	No. 185334. Techno Plastics, of 3, Madhuban Industrial Estate, off Mahakali Caves Road, Andheri (E), Mumbai-400093 "SWITCH". 18th April 2001.
Class 03	No. 185270/185269. Nissan Plast of Survey No. 655/1/B, Near Somnath Co Op. Society, Somnath Road, Dabhel, Nanidaman, Daman-396310. "WATER JUG" 10th April 2001.	Class 13-03	No. 185491. Saush Nath Sharma of 10E Industrial Estate, Givindpura, Bhopal-462023, Madhya Pradesh "INSULATOR" 9th May 2001.
Class 03	No. 185275. Vikram Industries, GB-387, Mandiya Road, Pali-Marwar-306401, "CONTAINER". 11th April 2001.	Class 03-01	No. 186592 V.I.P. Industries Ltd. of Secretarial & Legal Dept. of DGP House, 88-C, Old Prabhadevi Road, Mumbai-400025. "HANDBAG". 14th Sept. 2001.
Class 03	No. 185288. Fiat Auto SPA of Corso Giovanni Agnelli 200, I-10135, Torino (Italy) "REAR VIEW MIRROR". 11th April 2001.	Class 03-01	No. 186816, 186817 & 186818. V.I.P. Industries Ltd. of Secretarial & Legal Dept. of DGP House, 88-C, Old Prabhadevi Road, Mumbai-400025. "HANDBAG". 3rd Oct. 2001.
Class 03	No. 185293/185294. Fiat Auto SPA, of Corso Giovanni Agnelli 200, I-10135, Torino (Italy). "HUB CAP FOR CAR WHEEL" 11th April 2001	Class 03-01	No. 186930 to 186933. V.I.P. Industries Ltd. of Secretarial & Legal Dept. of DGP House, 88-C, Old Prabhadevi Road, Mumbai-400025. "SUITCASE". 12th Oct. 2001.
Class 03	No. 185287 Fiat Auto SPA of Corso Giovanni Agnelli 200, I-10135, Torino		

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CONTROLLER GENERAL OF
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